Section **A** for the entry q

AIR MINISTI

FORM 1090.

REGIS

Kept at Crookes Shef

in the County of Yorks

Diameter of Funnel of Gauge 4

Height of top of Gauge above Grou

,, Ground ,, Sea

THE MORNING MEAS

An observer who does not conform t
year in the space on the right of t

3117

CROSLEY CROOKES
1931 — 40

780507

Sheffield 3117

OPY FOR OFFICIAL USE.

L ORGANIZATION.

llowing

Jan. 1, following

Date	Jan.	Feb.	March								Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	.010	.050	–	–	.005	–	.005	.020	–	–	–	1
2	–	.035	–	.590	.030	.370	–	–	.455	–	.015	.045	2
3	–	–	–	.075	–	.020	.045	–	1.170	–	.525	.180	3
4	–	.105	–	.240	–	–	.205	.765	1.420	–	.105	.205	4
5	–	.020	–	–	.135	.775	.050	.285	.100	–	–	.410	5
6	–	.170	.010	–	–	.180	.640	–	.050	.155	.090	–	6
7	–	–	.010	–	–	.360	–	1.005	–	.190	.190	.005	7
8	–	.140	.020	–	.025	.005	.040	.800	–	.015	.165	.005	8
9	–	.440	.010	.170	.010	.485	.020	.160	.030	–	.370	–	9
10	.005	.135	.040	–	.005	.020	–	.060	.030	.005	.175	–	10
11	.055	.520	–	–	–	–	.020	–	.090	–	.005	–	11
12	.020	.195	–	–	–	–	.740	–	.110	.020	.065	–	12
13	–	–	–	–	–	.020	.010	.060	–	–	–	–	13
14	.010	.030	.010	–	.005	.540	.480	.840	–	–	.575	–	14
15	.040	.170	–	.010	.005	–	.275	.035	.015	–	–	.050	15
16	.515	.170	–	.300	.130	.810	.010	.455	.140	–	–	–	16
17	.065	.130	–	.360	.125	.080	.150	.180	–	.010	.005	–	17
18	.055	.015	–	.290	–	.210	.325	.055	–	.015	.865	–	18
19	.050	.045	–	.120	–	.065	.070	.210	.140	.005	–	–	19
20	–	.095	.005	.075	–	–	–	.490	–	–	.010	.010	20
21	.230	.055	–	–	.435	–	–	.015	–	–	.105	–	21
22	.035	.030	–	–	.185	–	–	–	–	–	.005	–	22
23	.530	–	–	.165	.345	.145	.160	–	–	–	.220	.005	23
24	.180	.035	–	.220	.415	–	.150	–	–	.050	.005	.050	24
25	.130	.215	–	.330	–	–	.400	–	–	–	.020	.020	25
26	.020	.050	–	.335	.150	–	.065	–	–	–	.215	.010	26
27	.270	.180	–	–	.035	–	.040	–	–	.120	.370	.420	27
28	.120	.380	–	.050	.215	–	.010	–	.010	–	–	.135	28
29	.095		–	–	.385	–	.135	–	–	.175	.025	.010	29 36.05
30	.005	✕	–	.005	.045	–	–	–	–	–	–	–	30
31	.240	✕	–	✕	–	✕	.010		✕	.030	✕	.020	31
TOTAL	2·676	3·370	·155	3·335	2·680	4·09	4·050	5·420	3·780	·790	4·125	1·580	YEAR'S TOTAL 36·045
*Days with ·01 in. or more.	18	24	7	15	15	14	23	15	14	10	18	13	186
*Days with ·04 in. or more.	14	17	2	14	11	11	17	13	9	5	14	8	135

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) John N Swales

[P.T.O.

Section **A** for the entry c[redacted]. Sheffield 3117 OPY FOR OFFICIAL USE.
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 193/.

Kept at Crookes . Sheffield . (Crosley)
in the County of Yorkshire
Diameter of Funnel of Gauge As Before in.
Height of top of Gauge above Ground ....ft ....in.
,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	·010	·050	–	–	·005	–	·005	·020	–	–	–	1
2	–	·035	–	·590	·030	·370	–	–	·455	–	·015	·045	2
3	–	–	–	·075	–	·020	·045	–	1·170	–	·525	·180	3
4	–	·105	–	·240	–	–	·205	·765	1·420	–	·105	·205	4
5	–	·020	–	–	·135	·775	·050	·285	·100	–	–	·410	5
6	–	·170	·010	–	–	·180	·640	–	·050	·155	·090	–	6
7	–	–	·010	–	–	·360	–	1·005	–	·190	·190	·005	7
8	–	·140	·020	–	·025	·005	·040	·800	–	·015	·165	·005	8
9	–	·440	·010	·170	·010	·485	·020	·160	·030	–	·370	–	9
10	·005	·135	·040	–	·005	·020	–	·060	·030	·005	·175	–	10
11	·055	·520	–	–	–	–	·020	–	·090	–	·005	–	11
12	·020	·195	–	–	–	–	·740	–	·110	·020	·065	–	12
13	–	–	–	–	–	·020	·010	·060	–	–	–	–	13
14	·010	·030	·010	–	·005	·540	·480	·840	–	–	·575	–	14
15	·040	·170	–	·010	·005	–	·275	·035	·015	–	–	·050	15
16	·515	·170	–	·300	·130	·810	·010	·455	·140	–	–	–	16
17	·065	·130	–	·360	·125	·080	·150	·180	–	·010	·005	–	17
18	·055	·015	–	·290	–	·210	·325	·055	–	·015	·865	–	18
19	·050	·045	–	·120	–	·065	·070	·210	·140	·005	–	–	19
20	–	·095	·005	·075	–	–	–	·490	–	–	·010	·010	20
21	·230	·055	–	–	·435	–	–	·015	–	–	·105	–	21
22	·035	·030	–	–	·185	–	–	–	–	–	·005	–	22
23	·530	–	–	·165	·345	·145	·160	–	–	–	·220	·005	23
24	·180	·035	–	·220	·415	–	·150	–	–	·050	·005	·050	24
25	·130	·215	–	·330	–	–	·400	–	–	–	·020	·020	25
26	·020	·050	–	·335	·150	–	·065	–	–	–	·215	·010	26
27	·270	·180	–	–	·035	–	·040	–	–	·120	·370	·420	27
28	·120	·380	–	·050	·215	–	·010	–	·010	–	–	·135	28
29	·095		–	–	·385	–	·135	–	–	·175	·025	·010	29 36·05
30	·005	✕	–	·005	·045	–	–	–	–	–	–	–	30
31	·240	✕	–	✕	–	✕	·010		✕	·030	✕	·020	31
TOTAL	2·676	3·370	·155	3·335	2·680	4·09	4·050	5·420	3·780	·790	4·125	1·580	YEAR'S TOTAL 36·045
*Days with ·01 in. or more.	18	24	7	15	15	14	23	15	14	10	18	13	186
*Days with ·04 in. or more.	14	17	2	14	11	11	17	13	9	5	14	8	135

40-9999

(Signed) John N Swales [P.T.O.

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE. Sheffield.

Section **A** for the entry of Daily Observations. Station No. 3117

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Crookes (Crosley)

in the County of Yorkshire

Diameter of Funnel of Gauge as Before in.

Height of top of Gauge above Ground ft in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·320	·010	–	·140	·405	·005	·030	·040	·170	·155	·015	·010	1
2	·165	–	–	–	·350	–	·020	·020	·250	·175	·055	·185	2
3	·020	–	–	·270	·020	–	·190	–	–	·015	–	·280	3
4	·030	–	–	·065	–	–	·005	–	–	–	·135	–	4
5	·360	–	·130	·070	·020	–	–	–	·020	–	–	–	5
6	·885	–	·030	·615	–	–	·200	–	·025	–	–	–	6
7	·025	–	·450	·265	–	–	–	–	·200	·095	·015	–	7
8	–	–	–	·090	–	–	–	–	·115	·130	·010	–	8
9	·110	·060	–	·125	–	–	–	–	–	–	–	–	9
10	·195	·010	–	·120	–	–	–	–	·140	·130	–	·075	10
11	·140	–	·010	·040	·180	·135	·080	–	·075	·075	·005	–	11
12	·190	–	–	·040	·040	·005	·470	–	–	·230	·015	–	12
13	·050	·135	–	·105	·030	–	1·575	·005	·055	·520	·020	·075	13
14	·145	–	–	·150	–	–	·830	·050	–	–	·085	–	14
15	–	–	–	–	·205	–	–	–	–	·050	–	·055	15
16	·340	–	–	·190	·030	–	·080	–	–	·005	–	–	16
17	–	–	–	–	–	–	·050	–	–	·435	·005	–	17
18	–	–	–	–	·010	–	–	–	·005	–	–	–	18
19	–	–	·005	·085	–	–	–	·010	–	·180	–	–	19
20	–	–	–	·040	·335	–	·005	·770	–	·185	·025	–	20
21	–	–	·105	·040	2·800	–	–	·725	–	·500	·010	·065	21
22	–	–	·205	·055	·610	·090	·130	–	·280	·040	·520	·010	22
23	–	·020		·060	·110	–	·005	–	·020	·200	·350	·040	23
24	·025	–		–	–	–	·040	–	·070	–	·140	·005	24
25	–	·020		–	·010	–	–	–	–	·340	·010	–	25
26	–	·015		·245	·335	–	·020	–	–	·215	·190	–	26
27	–	–	·285	·100	·330	·030	·065	–	–	·010	·195	–	27
28	–	–	·120	·170	·190	–	·160	·570	–	–	–	·015	28
29	–	–	·200	·115	·400	·015	·070	·040	·160	·485	·130	·120	29
30	–	✕	·055	–	·165	·410	–	–	·105	·015	·375	·190	30 31·41
31	–	✕	·045	✕	·020	✕	·360	–	✕	–	✕	·095	31
TOTAL	3·000	·270	1·640	3·195	6·595	·690	4·385	2·230	1·690	4·185	2·305	1·220	YEAR'S TOTAL 31·405
*Days with ·01 in. or more.	15	7·	11·	23·	21·	5·	17·	8	14·	21·	18·	13·	173
*Days with ·04 in. or more.	11·	2	9·	23·	14·	3·	14	6·	11·	18·	10·	10·	131

40-9999

*See Instruction 2 (*f*) on other side.

(Signed)

P.T.O.

Sheffield :-

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933. 3117

Kept at Crookes (Crosley)

in the County of Yorkshire

See Note over Page

noted in BR copy + in daysheet

AFTER MARCH 31; 1933:

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 1 in.

,, Ground ,, Sea Level 630 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·200	·300	·090	-	-	-	-	-	-	-	·03	-		1
2	·300	-	·320	-	-	-	-	-	-	-	·09	-		2
3	·040	·140	·160	-	·31	-	-	-	-	-	·04	-		3
4	·140	·040	·030	-	·05	-	-	-	-	-	-	-		4
5	·105	·040	·110	-	·19	-	-	-	-	-	-	-		5
6	-	·115	·030	-	·41	-	-	-	-	-	-	·06		6
7	·025	·060	-	-	·15	-	·45	-	-	·81	-	·02		7
8	·090	·010	·030	-	-	-	·82	-	-	-	-	·02		8
9	-	·200	-	-	-	-	·37	-	-	·65	·04	-		9
10	-	·090	-	-	-	·04	·03	-	-	1·93	-	-		10
11	-	-	-	-	-	-	·06	-	-	·20	-	-		11
12	-	-	-	-	-	·06	·05	-	-	-	-	·13		12
13	-	-	-	-	·500	-	·17	-	·06	·03	·03	-		13
14	·020	-	-	-	·030	-	-	-	-	·03	·31	-		14
15	·550	-	-	-	-	·01	·11	·08	-	·28	·75	·20		15
16	·700	-	·090	·15	·05	·09	·10	-	-	·22	·03	-		16
17	·055	-	·550	-	·01	·12	-	·02	·04	-	·12	-		17
18	·010	·045	·080	-	-	·36	-	-	-	-	·08	-		18
19	-	·010	·500	·01	-	·09	-	-	·245	-	·01	·02		19
20	-	·010	-	-	-	-	-	·05	-	-	·01	-		20
21	-	-	-	-	-	·24	-	·09	·05	·01	·02	-		21
22	-	-	-	-	-	-	-	·23	-	·45	-	-		22
23	-	·015	-	·10	-	-	-	-	·32	·01	-	-		23
24	-	1·350	-	·17	·07	·23	-	-	·59	·01	·03	·02		24
25	-	1·260	-	·16	-	·01	-	-	·12	-	-	·02		25
26	-	·800	-	·05	-	-	-	-	·03	·11	·09	·03		26
27	-	·030	-	-	·05	-	-	-	·09	·12	-	-		27
28	-	-	-	·02	-	-	·03	-	·03	·21	-	-		28
29	-	-	-	·25	-	-	·01	-	-	·08	-	·01		29
30	·055	×	·060	·31	-	-	·04	-	-	·07	-	·09		30
31	·130	×	·020	×		×	·08	-	×	·06	×	-		31
TOTAL	2·420	4·515	2·070	1·22	1·82	1·25	2·32	·47	8 1·57	5·28	1·68	·62	Year's Total 25·24	
*Days with ·01 in. or more.	14	17	13	9	11	10	13	5	10	18	15	11	146	
*Days with ·04 in. or more.	11	12	9	7	9	8	10	4	8	13	8	4	103	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) John N Swales

[P.T.O.

Sheffield Gauges

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 7.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

3117

Kept at Crookes, Sheffield (5")

in the County of Yorkshire

Diameter of Funnel of Gauge ..... in.
Height of top of Gauge above Ground ..... ft ..... in.
,, Ground ,, Sea Level ..... ft.

as Before

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·03	-	-	-	-	-	-	·12	-	·06	-	·15		1
2	-	-	·09	-	·01	-	-	·09	·20	-	·10	·14		2
3	·01	·04	-	-	-	-	-	-	-	·16	-	-		3
4	·04	-	·34	·28	·01	-	-	-	·04	·66	-	·94		4
5	-	-	·15	·01	·08	-	-	·42	-	·08	·12	·03		5
6	-	-	·17	-	·33	-	-	·11	-	·19	-	·66		6
7	·10	·01	·07	-	·01	·01	-	-	-	·06	-	·24		7
8	-	-	·02	-	·11	·12	-	·02	-	·05	·32	·04		8
9	-	-	·08	-	-	-	-	·02	-	-	·81	·23		9
10	-	-	·33	·25	-	-	-	·01	-	·03	·09	-		10
11	·61	-	·23	·54	-	-	-	-	-	-	·01	·27		11
12	-	-	·17	·08	-	-	·17	·02	-	-	-	·10		12
13	·56	-	-	·03	·01	-	·26	·07	-	·06	-	-		13
14	·13	-	·31	-	·04	·22	-	-	-	·26	·20	·29		14
15	·32	-	·16	-	·40	-	-	-	·17	·06	·18	·04		15
16	·33	-	·11	-	·09	-	-	-	-	-	·02	·12		16
17	·37	-	·05	-	·04	-	·07	-	·12	-	·02	·13		17
18	·15	-	·29	·17		-	·02	-	-	-	-	·06		18
19	-	-	·18	·01	·05	·11	-	-	·16	·01	-	·02		19
20	-	-	·02	·01	·06	-	-	-	·02	-	-	-		20
21	-	-	-	-	·05	·31	-	-	·04	·06	-	-		21
22	-	-	-	-	-	-	-	·07	·41	·09	-	-		22
23	-	-	·04	·25	-	-	·65	-	-	·03	·17	·10		23
24	-	·08	·11	·14	-	·09	·10	-	·05	·08	-	·02		24
25	·07	-	-	·04	·50	-	·03	-	·08	·24	-	·54		25
26	·19	-	-	·13	-	·01	·09	-	·11	-	·05	·07		26
27	-	·20	-	·51	-	·01	·11	-	·02	·25	-	·29		27
28	-	-	-	·12	-	·17	·04	·13	-	·23	-	·36		28
29	-		·01	-	-	-	-	·01	·37	·02	-	·16		29
30	·04	×		-	-	-	·26	-	·02	·17	-	·13		30
31	·02	×		×	-	×	-	·08	×	·12	×	·01		31
TOTAL	2·97	·33	2·93	2·57	1·79	1·05	1·80	1·17	1·81	2·97	2·09	5·14	Year's Total. 26·62	
* Days with .01 in. or more.	15	4	20	15	15	9	11	13	14	22	12	25	175	
* Days with .04 in. or more.	12	3	17	11	11	6	9	8	11	18	9	21	136	

40-9999

† Spare column, no entries required

(*Signed*)

P.T.O.

* See Instruction 2 (f) on other side.

Sheffield

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE

Station No. 7. 3117

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Crookes, Sheffield (5")
in the County of Yorkshire

Diameter of Funnel of Gauge .... in.
Height of top of Gauge above Ground .... ft. .... in.
,, Ground ,, Sea Level .... ft.

as before

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·15	·04	·43	·01	-	·03	-	-	·14	·15	·21	·50		1
2	-	·04	·11	-	-	·23	-	-	-	·41	·04	·30		2
3	-	·25	·13	·03	-	·06	·05	-	-	·01	·23	-		3
4	-	-	·03	·02	-	·08	·05	-	·01	·70	-	-		4
5	-	·15	·10	·18	-	·20	·03	-	-	·03	·06	-		5
6	·02	-	-	·05	-	·24	-	-	-	-	-	-		6
7	·04	-	-	·06	-	·48	-	-	-	·24	·37	·44		7
8	·01	-	·01	·11	-	·19	-	·10	-	·01	·03	·26		8
9	-	-	-	·23	-	·16	-	-	-	·90	·17	·01		9
10	-	-	-	·41	-	·09	-	-	-	·24	·20	-		10
11	·55	·02	-	-	-	·03	-	-	-	-	·18	·06		11
12	·06	·10	-	-	-	·12	-	·01	·04	-	-	-		12
13	·04	·08	-	·05	·18	·02	-	-	·03	·04	·01	-		13
14	-	-	-	·03	·10	·03	·04	-	·38	-	·55	·10		14
15	-	·68	-	·37	·05	·03	·06	-	·18	-	·25	·30		15
16	-	·69	·17	·08	-	·18	·02	-	·60	-	·66	-		16
17	-	·07	-	·19	-	·33	-	-	·23	·02	·94	-		17
18	·03	-	-	·15	·07	·16	·31	·10	·26	·24	·08	-		18
19	·02	·01	-	·18	-	·13	·10	-	-	·28	·22	-		19
20	-	·21	-	·41	-	·10	·01	-	-	-	·29	-		20
21	-	·60	·01	·02	-	-	-	-	·52	·02	·11	·07		21
22	-	·20	·02	-	-	-	-	-	-	-	·04	-		22
23	-	·04	·58	·03	-	-	-	·82	·05	·27	-	-		23
24	·41	·70	·01	-	-	-	-	-	1·18	·01	-	·32		24
25	·21	·13	-	-	-	·21	-	-	-	-	-	·10		25
26	·06	-	-	-	-	-	·03	·67	·23	·25	·19	·36		26
27	-	·22	-	-	·04	-	·07	-	·32	·38	·17	·59		27
28	·02	·01	-	-	-	-	-	-	·07	·05	·04	·25		28
29	·01		·02	-	-	-	-	-	·07	·34	·05	·22		29
30	·04	×	-	-	-	-	-	·11	·07	·50	·70	·04		30
31	·04	×	-	×	-	×	-	·03	×	·60	×	·25		31
TOTAL	1·71 ✓	4·24 ✓	1·62 ✓	2·61 ✓	·44 ✓	3·10 ✓	·77 ✓	1·84 ✓	4·38 ✓	5·69 ✓	5·79 ✓	3·87 ✓	Year's Total 36·06 ✓	
*Days with ·01 in. or more.	16 ✓	19 ✓	12 ✓	19 ✓	5 ✓	21 ✓	11	7	17	22	24	17	190	
*Days with .04 in. or more.	10 ✓	16 ✓	6 ✓	13	5 ✓	16 ✓	7	5	15	16	22	16	147	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required

(*Signed*) ....

[P.T.O.

SHEFFIELD P

COPY FOR OFFICIAL USE.

Station No. 7 3117

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Crookes (5")

in the County of Yorkshire.

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in. As before.

,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.01	-	.12	.60	-	.03	.05	.13	.01	-	.04	.13		1
2	.02	.02	.09	.07	-	.85	.06	.12	-	-	.11	.08		2
3	.04	.03	.01	-	-	.11	-	.04	.20	-	-	.13		3
4	.02	.10	.06	-	-	.09	-	.01	.03	-	.17	.23		4
5	.11	.05	.19	-	.01	-	.01	.08	.02	-	-	.57		5
6	.02	-	-	-	.02	-	.20	.43	.48	-	.22	-		6
7	.19	-	.04	-	-	-	.28	-	.56	-	.09	.02		7
8	.25	-	.03	-	-	-	-	-	.01	-	.22	.03		8
9	.29	.01	.17	-	.01	.02	.76	-	-	.03	.29	-		9
10	.06	-	-	-	-	-	.40	.01	.06	-	.10	-		10
11	-	-	-	.06	-	.04	.05	-	.03	-	.59	-		11
12	-	-	-	.15	.04	.98	.42	-	.55	-	.12	.06		12
13	-	-	-	.04	-	.16	.15	-	-	.04	-	.75		13
14	-	-	-	.10	-	.09	-	-	.35	-	.14	.31		14
15	.22	.02	-	.09	.10	.01	.02	.11	.03	-	.44	.15		15
16	.17	.06	-	.01	-	-	.02	-	-	.03	.49	-		16
17	.06	.68	-	-	.10	-	.25	-	-	.19	.07	.14		17
18	-	.04	-	-	-	.02	.10	.02	-	.37	-	-		18
19	.50	.16	.01	.15	-	.22	.01	.43	-	.17	-	.01		19
20	.15	.20	-	-	-	.01	-	-	.01	.01	-	.01		20
21	.02	-	.05	.07	-	.04	-	-	-	-	-	-		21
22	.07	.34	.10	-	.03	.38	.18	-	-	-	-	-		22
23	-	-	.20	.07	.08	-	.49	-	-	.01	-	-		23
24	.15	.05	-	.04	.18	-	-	-	.18	.42	-	-		24
25	.13	-	.06	.11	-	-	.04	-	.36	.25	.01	-		25
26	-	.06	.58	-	-	-	-	-	.02	.66	.01	-		26
27	.25	-	.01	-	-	-	-	-	.17	.45	-	-		27
28	.23	.62	.04	-	-	-	.29	-	.01	-	-	.09		28
29	.19	.35	.35	-	.02	.51	-	-	-	.03	.11	.21		29
30	.11	X	-	-	.80	.01	.08	-	-	.59	.07	.05		30
31	-	X	.03	X	-	X	.01	-	X	.01	X	.16	Year's Total	31
TOTAL	3.26 ✓	2.79 ✓	2.14 ✓	1.56 ✓	1.39 ✓	3.57 ✓	3.87 ✓	1.38 ✓	3.08 ✓	3.26 ✓	3.29 ✓	3.13 ✓	32.72	✓
* Days with .01 in. or more.	23 ✓	16 ✓	18 ✓	13 ✓	11 ✓	17 ✓	21 ✓	10 ✓	18 ✓	15 ✓	18 ✓	18	198 ✓	✓
* Days with .04 in. or more.	18 ✓	12 ✓	13 ✓	12 ✓	6 ✓	11 ✓	16 ✓	7 ✓	9 ✓	9 ✓	16 ✓	14 ✓	143	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) John N Iswales

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3117

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Sheffield W.W. (Crookes) 5"
in the County of Yorks
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 629 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.18	.10	.04	-	-	-	.01	-	.07	-	.04	.36		1
2	.17	.13	.02	.29	-	-	-	-	-	-	-	1.56		2
3	-	.05	-	.06	.10	-	-	-	-	-	-	.06		3
4	.21	.06	.05	.11	.02	-	-	-	-	-	-	.33		4
5	.98	-	.09	-	.04	-	-	-	-	-	-	.08		5
6	.18	-	.07	.03	.15	-	.16	-	-	-	.07	.18		6
7	.04	.32	.01	.21	.09	.04	-	-	.01	-	.07	.04		7
8	-	.47	-	.06	-	-	-	-	-	-	.14	.04		8
9	-	.44	-	.03	.32	-	.50	.08	-	-	-	.02		9
10	.02	.13	.01	.04	.01	.14	.02	-	-	-	.02	.30		10
11	-	-	1.44	-	.95	-	-	-	-	-	-	.02		11
12	.13	.23	.19	-	.37	.07	-	-	.17	-	-	.13		12
13	-	.02	-	-	.03	.61	-	.11	.11	-	-	.19		13
14	-	.01	.43	.03	-	-	-	.21	.05	-	-	.10		14
15	.14	23	-	.38	-	-	1.62	-	.03	-	-	.03		15
16	.05	.39	.34	.37	-	-	-	.07	.18	-	-	-		16
17	.29	.02	.30	.22	-	-	-	-	.99	-	-	-		17
18	1.04	.07	.13	.01	-	.01	.07	.02	.06	-	.51	-		18
19	-	.43	-	.01	-	.07	.13	-	-	-	.37	-		19
20	.21	.29	-	.20	.64	-	-	-	-	-	-	-		20
21	.08	.01	.02	-	-	-	.22	-	-	.02	-	.03		21
22	.02	-	.02	-	.07	-	.02	-	-	.16	.33	.01		22
23	.42	-	-	-	-	-	.16	-	-	1.21	.55	-		23
24	.39	.24	.09	-	.04	-	.02	-	-	.41	-	-		24
25	.05	.53	.13	-	-	-	-	-	-	.36	-	.01		25
26	-	.28	.06	-	.31	-	-	-	.02	-	-	.01		26
27	-	.28	.02	.17	-	-	-	-	-	.73	-	.04		27
28	-	.45	-	-	-	.07	-	-	-	.01	-	-		28
29	.08		.01	-	-	-	-	-	-	.06	.04	.02		29
30	.44	✕	-	-	-	.03	-	.07	-	.04	.10	.04		30
31	.45	✕	-	✕	-	✕	-	-	✕	.24	✕	.04		31
TOTAL	5.57	5.18	3.47	2.22	3.14	1.04	2.93	.56	1.69	3.24	2.24	3.64	Year's Total 34.92	
* Days with .01 in. or more.	21	23	20	16	14	8	11	6	10	10	11	23	173	
* Days with .04 in. or more.	19	19	13	11	11	6	7	5	7	8	10	15	131	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) John N. [illegible]

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3117

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Sheffield W.W., Crookes
in the County of W.R. Yorks
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 629 ft.

TRAVELLING FORM.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·06	·06	-	-	·01	·54	·38	-	-	-	·05	·23		1
2	·02	·03	-	·12	·05	·18	-	-	-	·27	·12	·30		2
3	·02	-	-	-	-	·03	·11	-	·15	1·30	·14	·01		3
4	·13	-	-	-	-	·05	·10	-	-	·38	·19	·24		4
5	-	-	-	-	-	·02	·27	·13	·02	·44	-	·02		5
6	·07	·01	-	-	-	-	·34	·91	·03	·11	-	·01		6
7	·15	-	-	-	-	-	·29	·04	·40	·18	-	·05		7
8	·40	-	-	-	-	-	·20	-	-	·61	-	·04		8
9	·03	·20	-	-	-	·11	-	·09	-	·01	-	·37		9
10	-	·05	-	-	-	·03	·36	-	-	·02	·01	·02		10
11	·29	-	-	-	-	-	·05	·01	-	·13	·05	·11		11
12	·18	-	-	-	·12	-	·01	·83	-	·52	·10	-		12
13	·09	·01	-	-	-	-	-	·24	-	·19	·15	·33		13
14	·32	·04	-	-	-	-	·21	-	·20	-	·02	·01		14
15	·70	-	-	-	-	-	·43	·01	-	-	-	·34		15
16	·22	-	·06	-	·02	-	·30	·05	-	·08	·10	·17		16
17	-	-	-	-	·38	-	·11	-	·08	·07	·01	·02		17
18	·04	-	-	-	·21	-	-	·04	·17	·12	·32	-		18
19	-	-	-	-	-	·01	-	·12	-	-	-	·12		19
20	·02	-	-	-	-	-	-	-	·04	-	·38	·16		20
21	-	-	·02	-	-	-	-	·02	·02	-	·02	·22		21
22	-	-	-	·01	-	·20	-	-	-	-	·33	·14		22
23	-	-	-	-	·04	·04	·01	-	·25	-	·77	-		23
24	-	-	·09	-	-	·01	·06	·13	·11	-	·08	-	75	24
25	·20	·15	·03	-	-	-	-	·01	-	·23	·74	·07		25
26	·03	·44	·02	-	-	-	-	-	·24	·11	·04	·04		26
27	·10	·15	-	-	·16	·40	·20	·46	·05	-	·30	-		27
28	·43	·06	-	-	·64	·20	·11	·37	·13	·01	-	·06		28
29	·08		·09	·06	·67	·05	·07	-	·01	-	·13	·06		29
30	·19	✕	-	-	·07	·13	-	-	·53	-	·21	·03		30
31	·24	✕	-	✕	·37	✕	-	·01	✕	·30	✕	·63		31
TOTAL	4·01	1·20	·31	·19	2·74	2·00	3·60	3·50	2·43	5·08	4·26	3·80	Year's Total 33·12	
* Days with .01 in. or more.	23	11	6	3	12	15	19	17	16	19	22	26	189	
* Days with .04 in. or more.	18	8	3	2	10	10	17	12	12	16	18	19	145	

† Spare column, no entries required.

(Signed) John [illegible]

[P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations Station No. 3117

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

Kept at Sheffield W.W., Crookes

in the County of W.R. Yorks

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

„ Ground „ Sea Level 629 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·01	-	·08	·10	·	-	·06	·17	·04	·01	-	·07		1
2	·08	-	·01	·12	-	-	·02	·07	1·26	·05	·06	·02		2
3	·13	-	-	·23	-	-	-	·31	-	·	·27	·15		3
4	·15	-	·26	·58	-	-	·05	·21	-	·02	·07	·85		4
5	-	-	-	-	·14	-	·05	·36	-	·18	·27	·14		5
6	·45	-	·01	-	-	-	·62	-	-	·01	·24	·		6
7	·08	·16	·12	-	-	-	·05	-	-	·02	·35	·26		7
8	·18	·16	·34	-	-	-	·22	-	-	·02	·16	·32		8
9	·09	·29	-	-	-	-	-	·20	-	·79	-	·25		9
10	·57	-	·05	-	-	-	-	·03	·07	·06	-	·		10
11	·14	·03	·14	-	·01	·18	-	·05	·09	·01	-	·		11
12	·18	·19	-	-	·03	·08	-	·	-	-	-	·01		12
13	·05	-	-	·08	·04	·15	-	-	-	·04	·01	·		13
14	·13	-	·02	·08	·36	·08	·30	-	·	·31	·14	·01		14
15	·63	-	·01	·04	·44	·32	·10	-	·01	·	·08	·		15
16	·04	-	·17	-	·87	-	·20	-	-	·	·15	·		16
17	1·04	·05	·01	·19	·07	-	·01	-	-	1·46	·01	·		17
18	·32	·06	-	-	-	·23	·28	-	·10	·02	1·21	·		18
19	·23	·	-	-	-	·36	·45	·01	·06	-	-	·01		19
20	·01	-	-	-	-	·45	·71	·42	·25	-	·	·		20
21	·13	·15	·30	·07	·08	·35	·05	-	·23	-	·	·		21
22	·13	·35	·12	-	·	-	·08	-	·03	·03	·35	·		22
23	·06	·03	-	·20	-	·03	·05	-	-	·12	·37	·		23
24	·02	·01	·02	·02	-	·02	·38	-	-	-	·	·		24
25	·60	·06	-	·05	-	-	-	·55	-	-	·94	·		25
26	·06	·03	-	·02	-	-	-	-	-	·02	·26	·10		26
27	·03	·14	·33	-	-	·03	·03	-	-	·24	·18	·		27
28	·01	·20	·28	·12	-	·08	·18	·08	-	-	·28	·		28
29	-	×	·06	·09	-	-	·98	-	-	·23	·15	·		29
30	-	×	-	-	-	·02	·01	-	-	·	·14	·		30
31	-	×	-	×	-	×	·19	·05	×	·06	×	·		31
TOTAL	5·55	1·91	2·33	1·99	2·04	2·38	5·07	2·51	2·13	3·70	5·69	2·19	Year's Total 37·49	
* Days with .01 in. or more.	27	15	18	15	9	14	23	13	10	20	21	12	197	
* Days with .04 in. or more.	22	11	12	13	7	10	19	11	7	11	19	8	150	

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations
Station No. 3117

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940.

Kept at Sheffield W.W., Crookes
in the County of W. R. Yorks
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 629 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1		·12		·02							·36	·01		1
2				·28			·03				·43	·06		2
3		·16		·10						·17	·06	·04		3
4		·09		·06						·13	·32	·10		4
5					·09		·13			·26	·20	·55		5
6	·08	·21								·88	·07	·13		6
7		·23		·24	·21				·07			·02		7
8				·02				·01		·20		·13		8
9			23	·01			·04	·06	·07	·20	·82	·12		9
10							·79	·06	·01		·42	·46		10
11		·05	20	·01			·34				·96	-		11
12		·01	·29				·06		·13		·86	-		12
13		·04	·37					·01	·28			-		13
14			·01	·24	·17		·20			·01		·34		14
15			·07	·01	·01					·03	·21	·01		15
16	·17	23	·08				·43		·30	·79	·57	·05		16
17			·39				·14		·09	·01	·34	-		17
18	·09	·28	·14	·75			·04		·12	·01	·05	·09		18
19		·17	·17	·28		·01	·38		·25	·11	·19	·01		19
20				·24		·01	·06	·14		·06	·17	-		20
21	·05		·09			·34	·03	·01		·05	1·09	-		21
22		·05	·02		·16	·11			·07	·04		·02		22
23		·08	·08	·06	·15	·07	·01		·03	·02	·06	·04		23
24	·11			·03			·04			·07		·07		24
25						·03				·05		-		25
26	66	·04			·06	·02	·04	·06		·03	·02	-		26
27	·67	·08			·04		·05	·04	·01		·06	-		27
28	·50	·46		·01	·10							-		28
29			·19	·05	·11	·03				·02		·10		29
30	·10			·32						·26		·16		30
31	·10		·18							·88		·23		31
													Year's Total	
TOTAL	(2·53)	2·30	2·51	2·73	1·1 0	·62	2·81	·39	1·43	4·28	7·26	2·74	30·70	
* Days with .01 in. or more.	10	16	15	18	10	8	17	8	12	22	20	21	177	
* Days with .04 in. or more.	10	15	13	11	9	6	14	5	9	15	19	16	142	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) John K. Swales

[P.T.O.

3118

FORM 1090. **B** Mont
Sum

kes-Sheffield

SHEFFIELD CROOKES
1931 — 40

780507

*** The following register of monthly
&c., is NOT required if daily or
values are given on the other side.

also the space for

er should be sent:—
l Manager & Engineer
ield

RAINFALL IN 1931

At Crookes, Sheffield
In the County of Yorkshire

Rain Gauge
Diameter of Funnel
Height of Top above Ground As Before
Height of Ground above Sea Level

Summer 9 a.m.
Direction from gauge
Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.		Numb Days ·01 in or more	
	Inches.	Inches.	Date.	*	
JAN.	2·650	✓			
FEB.	3·475	✓			
MAR.	·160	✓			
APRIL	3·335	✓			
MAY	2·710	✓			
JUNE	4·140	✓			
JULY	4·140	✓			
AUG.	5·420	✓			
SEPT.	3·780	✓			
OCT.	·820	✓			
NOV.	4·075	✓			
DEC.	1·540	✓			
Total	5 36·2~~4~~5 ✓	JH			

Directions from gauge ..

Signature John N Swales

*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A and B.**)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

3118

FORM 1090. **B** Mont
Sum

kes- Sheffield

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Crookes, Sheffield

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	2·650 ✓				
FEB.	3·475 ✓				
MAR.	·160 ✓				
APRIL	3·335 ✓				
MAY	2·710 ✓				
JUNE	4·140 ✓				
JULY	4·140 ✓				
AUG.	5·420 ✓				
SEPT.	3·780 ✓				
OCT.	·820 ✓				
NOV.	4·075 ✓				
DEC.	1·540 ✓				
Total	5 36·245 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K. Swales. M.Inst.C.E. General Manager & Engineer
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

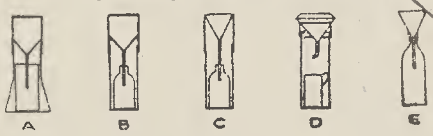
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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COPY FOR OFFICIAL USE. Sheffield

Section **A** for the entry of Daily Observations. Station No. 3118

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Crookes.

in the County of Yorkshire.

Diameter of Funnel of Gauge ~~.......... in.~~ As Before

Height of top of Gauge above Ground ~~.......... in.~~

,, Ground ,, Sea Level ~~.......... ft.~~

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.31	.01	–	.13	.40	–	.03	.04	.17	.15	.01	.01	1
2	.15	–	–	–	.35	–	–	.02	.25	.17	.05	.19	2
3	.02	–	–	.27	.02	–	.19	–	–	.01	–	.27	3
4	.03	–	–	.06	–	–	–	–	–	–	.13	–	4
5	.32	–	.13	.08	.02	–	–	–	.02	–	–	–	5
6	.88	–	.03	.61	–	–	.20	–	.02	–	–	–	6
7	.02	–	.45	.26	–	–	–	–	.20	.09	.01	–	7
8	–	–	–	.09	–	–	–	–	.11	.13	.01	–	8
9	.11	.08	–	.12	–	–	–	–	–	–	–	–	9
10	.18	.03	–	.12	–	–	–	–	.14	.13	–	.07	10
11	.14	–	.01	.04	.17	.13	.08	–	.07	.07	–	–	11
12	.19	–	–	.04	.04	–	.47	–	–	.23	.01	–	12
13	.04	.12	–	.10	.03	–	1.57	–	.05	.52	.02	.06	13
14	.15	–	–	.15	–	–	.83	.05	–	–	.08	–	14
15	–	–	–	–	.20	–	–	–	–	.05	–	.04	15
16	.34	–	–	.19	.03	–	.08	–	–	–	–	–	16
17	–	–	–	–	–	–	.05	–	–	.43	–	–	17
18	–	–	–	–	.01	–	–	–	–	–	–	–	18
19	–	–	–	.08	–	–	–	.01	–	.18	–	–	19
20	–	–	–	.04	.32	–	–	.77	–	.18	.02	–	20
21	–	–	.11	.04	2.80	–	–	.72	–	.50	.01	.06	21
22	–	–	.20	.05	.61	.09	.13	–	.27	.04	.52	.01	22
23	–	.02	–	.06	.11	–	–	–	.02	.20	.35	.03	23
24	.02	–	–	–	–	–	.04	–	.07	–	.14	–	24
25	–	.02	–	–	.01	–	–	–	–	.34	.01	–	25
26	–	.01	–	.24	.33	–	.02	–	–	.21	.19	–	26
27	–	–	.27	.10	.33	.03	.07	–	–	–	.19	–	27
28	–	–	.12	.17	.18	–	.15	.57	–	–	–	.01	28
29	–	–	.20	.11	.40	.01	.07	.04	.16	.48	.13	.11	29
30	–	✕	.06	–	.16	.41	–	–	.10	.01	.37	.17	30
31	–	✕	.04	✕	.02	✕	.36	–	✕	–	✕	.08	31
TOTAL	2.90	.29	1.62	3.15	6.54	.67	4.34	2.22	1.65	4.12	2.25	1.11	YEAR'S TOTAL 30.86
*Days with .01 in. or more.	15.	7.	11.	23.	21.	5.	16.	8.	14.	20.	18.	13.	171
*Days with .04 in. or more.	11.	2.	9.	23.	14.	3.	14.	6.	11.	18.	10.	9.	130

40-9999

*See Instruction 2 (*f*) on other side,

(*Signed*)

P.T.O.

COPY FOR OFFICIAL USE.

Sheffield

Station No.

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

3118

Kept at Crookes (Glaisher)
in the County of Yorkshire
Diameter of Funnel of Gauge .... in.
Height of top of Gauge above Ground .... ft .... in.
,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·19	·30	·09	-	-	-	-	-	-	-	·03	-		1
2	·28	-	·32	-	-	-	-	-	-	-	·09	-		2
3	·03	·14	·16	-	·31	-	-	-	-	-	·03	-		3
4	·13	·04	·03	-	·05	-	-	-	-	-	-	-		4
5	·10	·04	·11	-	·18	-	-	-	-	-	-	-		5
6	-	·11	·03	-	·40	-	-	-	-	-	-	·06		6
7	·02	·06	-	-	·15	-	·45	-	-	·78	-	·02		7
8	·09	·01	·03	-	-	-	·79	-	-	-	-	·02		8
9	-	·20	-	-	-	-	·35	-	-	·63	·03	-		9
10	-	·09	-	-	-	·04	·02	-	-	1·88	-	-		10
11	-	-	-	-	-	-	·05	-	-	·19	-	-		11
12	-	-	-	-	-	·06	·04	-	-	-	-	·13		12
13	-	-	-	-	·47	-	·16	-	·05	·02	·03	-		13
14	·02	-	-	-	·02	-	-	-	-	·02	·30	-		14
15	·55	-	·02	-	-	·01	·10	·07	-	·27	·72	·19		15
16	·50	-	·09	·14	·045	·08	·09	-	-	·22	·03	-		16
17	·07	-	·55	-	·01	·12	-	·02	·04	-	·10	-		17
18	·01	·07	·08	-	-	·36	-	-	-	-	·06	-		18
19	-	·01	·50	·01	-	·08	-	-	·24	-	·01	·01		19
20	-	·01	-	-	-	-	-	·05	-	-	·01	-		20
21	-	-	-	-	-	·22	-	·08	·04	·01	·01	-		21
22	-	-	-	-	-	-	-	·21	-	·45	-	-		22
23	-	·01	-	·10	-	-	-	-	·31	·01	-	-		23
24	-	1·35	-	·17	·06	·19	-	-	·58	·01	·03	·02		24
25	-	1·26	-	·15	-	·01	-	-	·10		-	·02		25
26	-	·80	-	·05	-	-	-	-	·02	·11	·09	·03		26
27	-	·03	-	-	·05	-	-	-	·08	·12	-	-		27
28	-	-	-	·02	-	-	·02	-	·02	·21	-	-		28
29	-	-	-	·24	-	-	·01	-	-	·07	-	·01		29
30	·07	×	·06	·29	-	-	·04	-	-	·07	-	·09		30
31	·12	×	·02	×	-	×	·08	-	×	·06	×	-		31
TOTAL	2·18	4·53	2·09	1·17	1·745	1·17	2·20	·43	1·48	5·13	1·57	·60	Year's Total 24·295	
*Days with ·01 in. or more.	14	17	14	9	11	10	13	5	10	18	15	11	147	
*Days with ·04 in. or more.	10	12	9	7	9	8	10	4	8	13	6	4	100	

40-9999

*See Instruction 2 (*f*) on other side.

D

† Spare column, no entries required.

(*Signed*)

P.T.O.

Sheffield Gauges

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934. 3118

Kept at Crookes, Sheffield (8")

in the County of Yorkshire

Diameter of Funnel of Gauge As Before in.

Height of top of Gauge above Ground ft in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·03	-	-	-	-	-	-	·09	-	·06	-	·15		1
2	-	-	·07	-	·01	-	-	·08	·19	-	·10	·13		2
3	·01	·04	-	-	-	-	-		-	·15	-	-		3
4	·04	-	·32	·27	·01	-	-		·04	·65	-	·92		4
5	-	-	·14	·01	·08	-	-	·40	-	·08	·11	·03		5
6	-	-	·17	-	·32	-	-	·10	-	·18	-	·65		6
7	·09	·01	·07	-	·01	·01	-		-	·06	-	·23		7
8	-	-	·02	-	·10	·12	-	·02	-	·05	·30	·03		8
9	-	-	·06	-	-	-	-	·02	-	-	·79	·21		9
10	-	-	·30	·22	-	-	-	·01	-	·03	·08	-		10
11	·59	-	·20	·51	-	-	-		-	-	·01	·25		11
12	-	-	·16	·06	-	-	·16	·02	-	-	-	·09		12
13	·51	-	-	·02	·01	-	·25	·07	-	·06	-	-		13
14	·11	-	·26	-	·04	·21	-	-	-	·26	·19	·27		14
15	·32	-	·14	-	·40	-	-	-	·16	·06	·17	·04		15
16	·30	-	·09	-	·08	-	-	-	-	-	·02	·11		16
17	·35	-	·05	-	·04	-	·07	-	·12	-	·02	·12		17
18	·15	-	·28	·17	-	-	·01	-	-	-	-	·05		18
19	-	-	·16	·01	·04	·11	-	-	·15	·01	-	·02		19
20	-	-	·02	·01	·05	-	-	-	·02	-	-	-		20
21	-	-	-	-	·04	·30	-	-	·04	·05	-	-		21
22	-	-	-	-	-	-	-	·06	·39	·08	-	-		22
23	-	-	·04	·24	-	-	·64	-	-	·03	·16	·09		23
24	-	·07	·10	·14	-	·07	·09	-	·05	·08	-	·02		24
25	·06	-	-	·03	·40	-	·03	-	·07	·22	-	·51		25
26	·18	-	-	·12	-	·01	·08	-	·10	-	·04	·06		26
27	-	·20	-	·50	-	·01	·10	-	·02	·25	-	·28		27
28	-	-	-	·11	-	·16	·03	·12	-	·22	-	·34		28
29	-		·01	-	-	-	-	·01	·35	·02	-	·15		29
30	·04	✕	-	-	-	-	·25	-	·02	·17	-	·13		30
31	·01	✕	-	✕	-	✕	-	·07	✕	·12	✕	·01		31
TOTAL	2·79	·32	2·66	2·42	1·63	1·00	1·71	1·07	1·72	2·89	1·99	4·89	Year's Total. 25·09	
* Days with .01 in. or more.	15	4	20	15	15	9	11	13	14	22	12	25	175	
* Days with .04 in. or more.	12	3	17	10	11	6	8	8	11	18	9	20	133	

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*)

P.T.O.

Sheffield

COPY FOR OFFICIAL USE.

Section 2 **A** for the entry of Daily Observations.

Station No. 7 3118

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Crookes, Sheffield (8")

in the County of Yorkshire

~~Diameter of Funnel of Gauge~~ as before in.
~~Height of top of Gauge above Ground~~ ft in.
~~,, Ground ,, Sea Level~~ ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·14	·04	·42	·01	-	·03	-	-	·13	·15	·20	·50		1
2	-	·04	·10	-	-	·22	-	-	-	·38	·04	·29		2
3	-	·24	·12	·03	-	·06	·05	-	-	·01	·22	-		3
4	-	-	·03	·02	-	·07	·04	-	·01	·70	-	-		4
5	-	·14	·10	·18	-	·19	·03	-	-	·03	·06	-		5
6	·02	-	-	·04	-	·23	-	-	-	-	-	-		6
7	·03	-	-	·06	-	·43	-	-	-	·24	·37	·14		7
8	·01	-	·01	·10	-	·18	-	·10	-	·01	·03	·26		8
9	-	-	-	·20	-	·15	-	-	-	·88	·16	·01		9
10	-	-	-	·41	-	·08	-	-	-	·24	·19	-		10
11	·56	·02	-	-	-	·03	-	-	-	-	·17	·05		11
12	·05	·09	-	-	-	·11	-	·01	·04	-	-	-		12
13	·04	·07	-	·04	·18	·02	-	-	·03	·04	·01	-		13
14	-	-	-	·03	·09	·03	·04	-	·38	-	·53	·10		14
15	-	·68	-	·35	·05	·03	·06	-	·18	-	·23	·29		15
16	-	·69	·16	·07	-	·17	·02	-	·58	-	·65	-		16
17	-	·07	-	·18	-	·31	-	-	·22	·02	·92	-		17
18	·03	-	-	·14	·07	·14	·31	·10	·24	·24	·08	-		18
19	·02	·01	-	·17	-	·13	·09	-	-	·27	·19	-		19
20	-	·20	-	·39	-	·08	·01	-	-	-	·28	-		20
21	-	·60	·01	·02	-	-	-	-	·51	·02	·09	·07		21
22	-	·18	·02	-	-	-	-	-	-	-	·04	-		22
23	-	·05	·58	·02	-	-	-	·80	·05	·25	-	-		23
24	·40	·67	·01	-	-	-	-	-	1·13	·01	-	·30		24
25	·20	·12	-	-	-	·21	-	-	-	-	-	·08		25
26	·06	-	-	-	-	-	·03	·67	·22	·24	·18	·34		26
27	-	·21	-	-	·04	-	·06	-	·31	·38	·16	·56		27
28	·02	·01	-	-	-	-	-	-	·07	·04	·04	·23		28
29	·01	-	·02	-	-	-	-	-	·07	·34	·04	·21		29
30	·04	×	-	-	-	-	-	·11	·07	·49	·70	·03		30
31	·03	×	-	×	-	×	-	·03	×	·59	×	·23		31
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Year's Total	
TOTAL	1·66	4·13	1·58	2·46	·43	2·90	·74	1·82	4·24	5·57	5·58	3·69	34·80 ✓	
*Days with ·01 in. or more.	16	19	12	19	5	21	11	7	17	22	24	17	190 ✓	
*Days with ·04 in. or more.	8	16	6	13	5	16	7	5	15	16	22	15	144 ✓	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) John N Swales

[P.T.O.

COPY FOR OFFICIAL USE.

SHEFFIELD

Section **A** for the entry of Daily Observations.

Station No. 9 3118

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Crookes (8")

in the County of Yorkshire.

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground.......ft.......in. As before.

,, Ground ,, Sea Level..........ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.01	-	.12	.54	-	.03	.04	.13	.01	-	.04	.13		1
2	.02	.02	.09	.05	-	.79	.05	.11	-	-	.11	.08		2
3	.03	.03	.01	-	-	.11	-	.04	.19	-	-	.13		3
4	.02	.09	.05	-	-	.08	-	.01	.03	-	.16	.23		4
5	.10	.05	.18	-	.01	-	.01	.07	.02	-	-	.57		5
6	.02	-	-	-	.02	-	.18	.42	.45	-	.20	-		6
7	.18	-	.03	-	-	-	.27	-	.56	-	.08	.02		7
8	.23	-	.03	-	-	-	-	-	.01	-	.21	.03		8
9	.28	.01	.17	-	.01	.02	.74	-	-	.03	.28	-		9
10	.05	-	-	-	-	-	.40	.01	.06	-	.09	-		10
11	-	-	-	.06	-	.04	.05	-	.03	-	.57	-		11
12	-	-	-	.13	.04	.96	.40	-	.54	-	.12	.05		12
13	-	-	-	.03	-	.15	.14	-	-	.04	-	.72		13
14	-	-	-	.10	-	.09	-	-	.34	-	.13	.29		14
15	.22	.02	-	.08	.09	.01	.02	.10	.03	-	.43	.13		15
16	.17	.06	-	.01	-	-	.02	-	-	.03	.47	-		16
17	.06	.65	-	-	.10	-	.23	-	-	.18	.06	.13		17
18	-	.03	-	-	-	.02	.10	.02	-	.37	-	-		18
19	.50	.15	.01	.15	-	.22	.01	.41	-	.16	-	.01		19
20	.15	.19	-	-	-	.01	-	-	.01	.01	-	.01		20
21	.02	-	.05	.06	-	.04	-	-	-	-	-	-		21
22	.07	.32	.10	-	.03	.37	.17	-	-	-	-	-		22
23	-	-	.18	.07	.07	-	.45	-	-	.01	-	-		23
24	.15	.05	-	.04	.16	-	-	-	.17	.41	-	-		24
25	.12	-	.04	.11	-	-	.03	-	.36	.24	.01	-		25
26	-	.06	.55	-	-	-	-	-	.02	.64	.01	-		26
27	.23	-	.01	-	-	-	-	-	.16	.45	-	-		27
28	.20	.62	.04	-	-	-	.29	-	.01	-	-	.08		28
29	.19	.35	.32	-	.02	.51	-	-	-	.03	.10	.20		29
30	.09	✕	-	-	.77	.01	.07	-	-	.58	.07	.05		30
31	-	✕	.02	✕	-	✕	.01	-	✕	.01	✕	.15		31
TOTAL	3.11 ✓	2.70 ✓	2.00 ✓	1.43 ✓	1.32 ✓	3.46 ✓	3.68 ✓	1.32 ✓	3.00 ✓	3.19 ✓	3.14 ✓	3.01 ✓	Year's Total 31.36	✓
* Days with .01 in. or more.	23 ✓	16 ✓	18 ✓	13 ✓	11 ✓	17 ✓	21 ✓	10 ✓	18 ✓	15 ✓	18 ✓	18 ✓	198	✓
* Days with .04 in. or more.	17	11 ✓	12 ✓	11 ✓	6 ✓	11 ✓	15 ✓	7 ✓	9 ✓	9 ✓	16 ✓	14 ✓	138	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) ....

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3118

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Sheffield W.W. (Crookes)

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 2 ft. 0 in.

,, Ground ,, Sea Level 629 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.17	.09	.03	–	–	–	.01	–	.07	–	.04	.35		1
2	.16	.13	.02	.28	–	–	–	–	–	–	–	1.48		2
3	–	.04	–	.06	.10	–	–	–	–	–	–	.06		3
4	.20	.06	.04	.11	.02	–	–	–	–	–	–	.32		4
5	.95	–	.07	–	.04	–	–	–	–	–	–	.05		5
6	.17	–	.04	.02	.14	–	.16	–	–	–	.05	.16		6
7	.04	.30	.02	.20	.08	.04	–	–	.01	–	.07	.03		7
8	–	.46	–	.06	–	–	–	–	–	–	.14	.04		8
9	–	.43	–	.03	.29	–	.49	.08	–	–	–	.01		9
10	.02	.11	.01	.03	.01	.14	.02	–	–	–	.02	.30		10
11	–	–	1.44	–	.92	–	–	–	–	–	–	.02		11
12	.12	.22	.16	–	.36	.06	–	–	.17	–	–	.10		12
13	–	.02	–	–	.03	.60	–	.19	.10	–	–	.18		13
14	–	.01	.41	.03	–	–	–	.20	.05	–	–	.10		14
15	.13	.22	–	.36	–	–	1.60	–	.03	–	–	.03		15
16	.05	.39	.29	.36	–	–	–	.07	.18	–	–	–		16
17	.27	.01	.28	.21	–	–	–	–	.96	–	–	–		17
18	1.01	.07	.12	.01	–	.01	.07	.02	.06	–	.47	–		18
19	–	.42	–	.01	–	.07	.12	–	–	–	.37	–		19
20	.19	.30	–	.20	.64	–	–	–	–	–	–	–		20
21	.07	.01	.02	–	–	–	.21	–	–	.02	–	.02		21
22	.02	–	.02	–	.05	–	.02	–	–	.16	.32	.01		22
23	.39	–	–	–	–	–	.15	–	–	1.18	.53	–		23
24	.36	.16	.09	–	.03	–	.02	–	–	.38	–	–		24
25	.04	.49	.12	–	–	–	–	–	–	.33	–	.01		25
26	–	.27	.05	–	.31	–	–	–	.02	–	–	.01		26
27	–	.25	.02	.17	–	–	–	–	–	.69	–	.04		27
28	–	.45	–	–	–	.07	–	–	–	.01	–	–		28
29	.08		.01	–	–		–	–	–	.06	.03	.02		29
30	.44	✕	–	–	–	.03	–	.07	–	.04	.09	.04		30
31	.41	✕	–	✕	–	✕	–	–	✕	.24	✕	.04		31
TOTAL	5.29	4.91	3.26	2.14	3.02	1.02	2.87	.54	1.65	3.11	2.13	3.42	Year's Total 33.36	
* Days with .01 in. or more.	21	23	20	16	14	8	11	6	10	10	11	23	173	
* Days with .04 in. or more.	19	19	12	10	10	6	7	5	7	8	9	14	126	

† Spare column, no entries required.

(*Signed*) John K Swales [P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3118

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1090

REGISTER OF RAINFALL IN 1938

Kept at Sheffield W.W., Crookes

in the County of W. R. Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 2 ft. 0 in.

,, Ground ,, Sea Level 629 ft.

TRAVELLING FORM.

VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·06	·05	-	-	·01	·51	·37	-	-	-	·05	·22		1
2	·02	·03	-	·12	·05	·18	-	-	-	·26	·12	·30		2
3	·02	-	-	-	-	·02	·11	-	·15	1·29	·14	·01		3
4	·12	-	-	-	-	·05	·10	-	-	·38	·19	·24		4
5	-	-	-	-	-	·02	·27	·13	·02	·43	-	·02		5
6	·07	·01	-	-	-	-	·32	·88	·03	·10	-	·01		6
7	·15	-	-	-	-	-	·28	·03	·40	·18	-	·05		7
8	·39	-	-	-	-	-	·19	-	-	·59	-	·04		8
9	·02	·20	-	-	-	·11	-	·08	-	·01	-	·35		9
10	-	·05	-	-	-	·02	·35	-	-	·02	·01	·02		10
11	·28	-	-	-	-	-	·04	·01	-	·13	·04	·10		11
12	·17	-	-	-	·12	-	·01	·82	-	·52	·10	-		12
13	·08	·01	-	-	-	-	-	·23	-	·18	·14	·32		13
14	·31	·03	-	-	-	-	·21	-	·19	-	·02	·01		14
15	·70	-	-	-	-	-	·41	·01	-	-	-	·32		15
16	·20	-	·05	-	·02	-	·30	·05	-	·08	·10	·15		16
17	-	-	-	-	·38	-	·10	-	·08	·07	·01	·02		17
18	·04	-	-	-	·18	-	-	·04	·16	·12	·32	-		18
19	-	-	-	-	-	·01	-	·12	-	-	-	·12		19
20	·02	-	-	-	-	-	-	-	·04	-	·37	·16		20
21	-	-	·02	-	-	-	-	·02	·02	-	·02	·22		21
22	-	-	-	·01	-	·20	-	-	-	-	·31	·13		22
23	-	-	-	-	·04	·04	·01	-	·24	-	·77	-		23
24	-	-	·09	-	-	·01	·05	·13	·10	-	·07	-		24
25	·20	·14	·03	-	-	-	-	·01	-	·23	·74	·06		25
26	·03	·43	·02	-	-	-	-	-	·23	·10	·03	·04		26
27	·09	·14	-	-	·16	·40	·19	·49	·05	-	·30	-		27
28	·42	·06	-	-	·63	·20	·11	·38	·13	·01	-	·06		28
29	·08		·09	·06	·65	·05	·06	-	·01	-	·11	·06		29
30	·18	×	-	-	·06	·13	-	-	·52	-	·21	·02		30
31	·23	×	-	×	·35	×	-	·01	×	·30	×	·57	Year's Total	31
Total	3·88	1·15	·30	·19	2·65	1·95	3·48	3·44	2·37	5·00	4·17	3·62	32·20	
* Days with .01 in. or more.	23	11	6	3	12	15	19	17	16	19	22	26	189	
* Days with .04 in. or more.	18	7	3	2	10	10	17	11	12	16	17	19	142	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*)

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3118

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

Kept at Sheffield W.W., Crookes

in the County of W. R. Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 2 ft. 0 in.

,, Ground ,, Sea Level 629 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·01	-	·08	·09	-	-	·06	·16	·04	·01	-	·04		1
2	·08	-	·01	·10	-	-	·02	·07	1·19	·04	·05	·02		2
3	·18	-	-	·22	-	-	·	·29	-	-	·25	·15		3
4	·20	-	·24	·56	-	-	·05	·20	-	·02	·06	·83		4
5	-	-	-	-	·14	-	·05	·35	-	·16	·25	·13		5
6	·35	-	·01	-	-	-	·60	-	-	·01	·23	·		6
7	·07	·16	·12	-	-	-	·04	-	-	·01	·34	·25		7
8	·18	·16	·33	-	-	-	·21	-	-	·02	·15	·31		8
9	·08	·28	-	-	-	-	·	·18	-	·73	-	·24		9
10	·43	-	·04	-	-	·	-	·03	·06	·05	-	·		10
11	·12	·03	·14	·	·01	·18	-	·04	·07	·01	·	·		11
12	·18	·18	-	-	·03	·08	-	-	-	-	-	·01		12
13	·04	-	-	·07	·04	·15	-	-	-	·04	·01	·		13
14	·12	-	·02	·07	·35	·08	·30	-	-	·30	·13	·01		14
15	·60	-	·01	·03	·41	·32	·10	-	·01	-	·07	·		15
16	·04	-	·17	-	·86	-	·20	-	-	-	·13	·		16
17	1·00	·05	·01	·19	·07	-	·01	-	-	1·38	·01	·		17
18	·30	·05	-	-	-	·22	·27	-	·20	·02	1·19	·		18
19	·22	-	-	-	-	·36	·43	·01	·05	-	·	·01		19
20	·01	-	-	-	-	·44	·67	·39	·24	-	·	·		20
21	·12	·14	·30	·06	·08	·33	·05	-	·23	-	-	·		21
22	·12	·31	·11	-	-	-	·07	-	·04	·03	·35	·		22
23	·06	·03	-	·20	-	·03	·04	-	-	·12	·36	·		23
24	·02	·01	·02	·02	-	·02	·37	-	-	-	-	·		24
25	·62	·06	·	·05	-	-	-	·54	-	·	·93	·		25
26	·02	·03	-	·02	-	-	-	-	-	·02	·25	·10		26
27	·03	·14	·32	-	·	·03	·03	-	-	·23	·18	·		27
28	·01	·18	·29	·11	-	·08	·17	·07	-	-	·27	·		28
29	-	×	·05	·08	-	·	·96	-	-	·22	·13	·		29
30	-	×	-	-	-	·02	·01	-	·	-	·13	·		30
31	-	×	-	×	-	×	·19	·04	×	·05	×	·		31
TOTAL	5·21	1·81	2·27	1·87	1·99	2·34	4·90	2·37	2·13	3·47	5·47	2·13	Year's Total 35·96	
* Days with .01 in. or more.	27	15	18	15	9	14	23	13	10	20	21	12	199	
* Days with .04 in. or more.	21	11	12	12	7	10	19	11	9	11	19	8	150	

† Spare column, no entries required.

*See Instruction 3 (f) on other side.

(*Signed*)

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3118

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940.

Kept at Sheffield W.W., Crookes
in the County of W. R. Yorks
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 2 ft. 0 in.
,, Ground ,, Sea Level 629 ft.

TRAVELLING F
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1		·12		·02							·34	·01		1
2				·26			·03				·41	·05		2
3		·16		·09						·16	·06	·04		3
4		·09		·06						·12	·30	·09		4
5					·08		·12			·24	·18	·54		5
6	·08	·19								·86	·06	·16		6
7		·21		·23	·20				·06			·02		7
8				·02				·01		·18		·13		8
9			·21	·01			·03 ✓	·05	·07	·19	·81	·11		9
10							·77	·05	·01		·41	·45		10
11		·06	·20	·01			·33				·94			11
12		·01	·27				·05		·12		·84			12
13		·03	·35					·01	·27					13
14			·01	·23	·16		·19			·01		·33		14
15			·07	·01	·01					·02	·19	·01		15
16	·16	·20	·07				·42		·28	·77	·55	·04		16
17			·37				·13		·08	·01	·32			17
18	·10	·22	·13	·66			·03		·12	·01	·04	·08		18
19		·14	·17	·26		·01	·36		·24	·09	·18	·01		19
20				·23		·01	·05	·13		·05	·16			20
21	·05		·08			·33	·02	·01		·04	1·04			21
22		·05	·02		·15	·10			·07	·03		·02		22
23		·07	·07	·05	·14	·06	·01		·03	·02	·06	·04		23
24	·11			·03			·03			·06		·06		24
25						·03				·04				25
26	·65	·03			·05	·02	·03	·05		·03	·02			26
27	·67	·07			·03		·05	·03	·01		·05			27
28	·50	·43		·01	·09									28
29			·18	·04	·10	·03				·02		·09		29
30	·10	✗		·32						·24		·15		30
31	·10	✗	·16	✗		✗			✗	·85	✗	·20		31
													Year's Total	
TOTAL	(2·52)	2·08	2·36	2·54	1·01	·59	2·65	·34	1·36	4·04	6·96	2·63	29·08	
* Days with .01 in. or more.	10	16	15	18	10	8	17	8	12	22	20	21	177	
* Days with .04 in. or more.	10	13	13	11	8	6	10	4	9	14	19	16	133	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) .... [P.T.O.

Section **A** for the entry of
AIR MINISTRY
FORM 1090.

3119.

WESTON PARK.

1931 -40

780507

3119 FOR OFFICIAL USE.
RGANIZATION. 127

REGIST

Kept at Sheffie
in the County of Yorks.
Diameter of Funnel of Gauge
Height of top of Gauge above Ground
,, Ground ,, Sea Le

THE MORNING MEASUR

An observer who does not conform to th ng
year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	
1	-	0.3	1.5	0.3	-	0.4	-	-	0.8	-	-	-	1
2	-	0.6	0.3	14.2	0.1	9.7	-	-	10.2	0.3	0.4	1.4	2
3	-	-	-	1.8	-	0.5	1.2	-	45.0	-	10.2	3.5	3
4	-	2.3	-	5.0	-	-	6.5	18.9	21.2	-	2.6	4.3	4
5	-	0.6	-	-	4.3	26.5	-	7.2	0.8	-	-	10.1	5
6	-	5.1	0.7	-	-	4.3	17.5	-	1.3	3.7	2.6	-	6
7	-	-	0.8	-	-	11.5	-	33.8	-	3.4	5.6	0.3	7
8	-	2.8	0.8	-	1.0	-	1.0	14.4	-	0.7	4.6	-	8
9	-	11.0	-	4.3	0.8	10.7	0.5	4.1	0.8	-	9.6	-	9
10	-	2.1	1.0	-	0.3	0.6	-	1.6	0.8	-	4.3	-	10
11	1.0	11.2	-	-	-	-	0.7	-	4.1	-	0.3	-	11
12	0.8	4.0	-	-	-	-	18.2	-	1.0	0.7	1.7	-	12
13	-	0.3	-	-	-	0.6	0.4	4.4	-	-	-	-	13
14	-	9.6	-	-	0.3	14.3	17.3	23.2	-	-	14.9	-	14
15	0.6	0.9	-	0.3	-	-	5.1	1.1	0.6	-	-	1.2	15
16	9.2	3.6	-	6.5	3.7	21.5	0.3	13.0	3.6	-	-	-	16
17	0.3	3.7	-	9.0	2.5	1.5	3.1	2.5	-	0.3	0.5	-	17
18	1.1	0.5	-	7.3	-	4.8	7.6	1.5	-	0.4	22.4	0.2	18
19	1.2	1.1	-	2.1	-	1.2	1.5	5.6	3.6	1.0	-	0.5	19
20	-	2.3	0.3	1.9	-	-	-	13.4	-	-	0.3	-	20
21	5.1	0.9	-	-	14.5	-	-	0.5	-	-	3.6	-	21
22	0.8	0.5	-	-	2.8	-	-	-	-	-	1.0	-	22
23	13.5,	-	-	3.8	11.4	3.4	3.8	-	-	-	4.9	-	23
24	3.7	0.5	-	7.2	10.8	-	4.4	-	-	1.8	0.3	1.0	24
25	4.2	4.5	-	11.2	-	-	99	-	-	-	0.6	0.6	25
26	0.5	1.0	-	7.6	2.9	-	1.5	-	-	-	4.9	0.3	26
27	5.3	4.8	-	-	0.9	-	0.4	-	-	3.3	8.7	8.6	27
28	2.5	9.2	-	1.3	6.5	-	-	-	0.5	-	-	2.8	28
29	2.4	X	-	-	9.1	-	2.8	-	-	3.5	0.7	0.4	29
30	-	X	-	-	6.4	0.3	-	-	-	-	-	-	30
31	8.8	X	-	X	-	X	0.4	-	X	0.9	X	0.7	31
TOTAL	61.0	83.4	5.4	83.8	78.3	111.8	104.1	145.2	94.3	2.00	104.7	35.9	927.9
Days with ·01 in. or more.	17	25	7	16	16	16	21	15	14	12	22	15	196
Days with ·04 in. or more.	12	16	2	14	12	11	15	14	8	6	15	8	133
40-9999	61.0	83.4	5.4	83.8	78.3	111.8	104.1	145.2	84.3	20.0	104.7	35.9	917.9

(Signed) X Town Clerk

[P.T.O.

Section **A** for the entry of — FOR OFFICIAL USE.

3119

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

127

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Sheffield Weston Park A.P.

in the County of Yorks. W. Riding

1400

Diameter of Funnel of Gauge..............in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	
1	-	0.3	1.5	0.3	-	0.4	-	-	0.8	-	-	-	1
2	-	0.6	0.3	14.2	0.1	9.7	-	-	10.2	0.3	0.4	1.4	2
3	-	-	-	1.8	-	0.5	1.2	-	45.0	-	10.2	3.5	3
4	-	2.3	-	5.0	-	-	6.5	18.9	21.2	-	2.6	4.3	4
5	-	0.6	-	-	4.3	26.5	-	7.2	0.8	-	-	10.1	5
6	-	5.1	0.7	-	-	4.3	17.5	-	1.3	3.7	2.6	-	6
7	-	-	0.8	-	-	11.5	-	33.8	-	3.4	5.6	0.3	7
8	-	2.8	0.8	-	1.0	-	1.0	14.4	-	0.7	4.6	-	8
9	-	11.0	-	4.3	0.8	10.7	0.5	4.1	0.8	-	9.6	-	9
10	-	2.1	1.0	-	0.3	0.6	-	1.6	0.8	-	4.3	-	10
11	1.0	11.2	-	-	-	-	0.7	-	4.1	-	0.3	-	11
12	0.8	4.0	-	-	-	-	18.2	-	1.0	0.7	1.7	-	12
13	-	0.3	-	-	-	0.6	0.4	4.4	-	-	-	-	13
14	-	9.6	-	-	0.3	14.3	17.3	23.2	-	-	14.9	-	14
15	0.6	0.9	-	0.3	-	-	5.1	1.1	0.6	-	-	1.2	15
16	9.2	3.6	-	6.5	3.7	21.5	0.3	13.0	3.6	-	-	-	16
17	0.3	3.7	-	9.0	2.5	1.5	3.1	2.5	-	0.3	0.5	-	17
18	1.1	0.5	-	7.3	-	4.8	7.6	1.5	-	0.4	22.4	0.2	18
19	1.2	1.1	-	2.1	-	1.2	1.5	5.6	3.6	1.0	-	0.5	19
20	-	2.3	0.3	1.9	-	-	-	13.4	-	-	0.3	-	20
21	5.1	0.9	-	-	14.5	-	-	0.5	-	-	3.6	-	21
22	0.8	0.5	-	-	2.8	-	-	-	-	-	1.0	-	22
23	13.5	-	-	3.8	11.4	3.4	3.8	-	-	-	4.9	-	23
24	3.7	0.5	-	7.2	10.8	-	4.4	-	-	1.8	0.3	1.0	24
25	4.2	4.5	-	11.2	-	-	99	-	-	-	0.6	0.6	25
26	0.5	1.0	-	7.6	2.9	-	1.5	-	-	-	4.9	0.3	26
27	5.3	4.8	-	-	0.9	-	0.4	-	-	3.3	8.7	8.6	27
28	2.5	9.2	-	1.3	6.5	-	-	-	0.5	-	-	2.8	28
29	2.4	X	-	-	9.1	-	2.8	-	-	3.5	0.7	0.4	29
30	-	X	-	-	6.4	0.3	-	-	-	-	-	-	30
31	8.8	X	-	X	-	X	0.4	-	X	0.9	X	0.7	31
TOTAL	61.0	83.4	5.4	83.8	78.3	111.8	104.1	145.2	94.3	2.00	104.7	35.9	927.9
Days with ·01 in. or more.	17	25	7	16	16	16	21	15	14	12	22	15	196
Days with ·04 in. or more.	12	16	2	14	12	11	15	14	8	6	15	8	133
40-9999	61.0	83.4	5.4	83.8	78.3	111.8	104.1	145.2	84.3	20.0	104.7	35.9	917.9

(Signed) X Town Clerk

[P.T.O.

3119

127

Section **A** for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM N

REGISTER OF RAINFALL IN 1932.

A.P.

400.

Kept at Sheffield
in the County of Yorks. W. Riding
Diameter of Funnel of Gauge..........in.
Height of top of Gauge above Ground..........ft..........in.
,, Ground ,, Sea Level..........ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	
1	7.0	0.3	-	3.5	9.9	-	1.2	1.0	4.0	2.9	0.7	0.6	1
2	3.5	-	-	-	8.2	-	-	0.6	5.9	3.4	1.2	4.5	2
3	0.5	-	-	7.1	-	-	4.8	-	-	0.3	-	6.4	3
4	1.0	-	-	2.1	-	-	0.5	-	-	-	4.1	-	4
5	7.9	-	3.5	1.6	1.0	-	-	-	1.0	-	-	-	5
6	20.9	-	1.3	13.0	-	-	4.6	-	0.8	-	-	-	6
7	0.8	-	9.5	5.6	-	-	-	-	5.4	3.7	0.6	-	7
8	-	-	-	2.3	-	-	-	-	3.5	3.4	0.5	-	8
9	2.2	3.3	-	3.0	-	-	-	-	0.5	-	-	0.5	9
10	4.1	1.0	-	2.9	-	-	-	-	4.9	3.1	-	2.8	10
11	2.3	0.6	0.8	1.2	4.6	2.2	1.5	-	-	1.2	0.9	-	11
12	4.8	-	-	0.6	0.9	-	15.8	-	-	5.1	1.5	-	12
13	1.2	3.2	-	2.5	0.8	-	55.0	-	1.1	12.2	1.4	1.8	13
14	3.6	-	-	7.4	-	-	10.0	1.0	-	-	3.4	0.3	14
15	-	-	-	-	6.2	-	-	-	-	1.3	-	0.9	15
16	8.2	-	-	6.1	1.0	-	2.6	0.3	-	-	-	-	16
17	-	-	-	-	-	-	1.8	-	-	9.2	0.2	-	17
18	-	-	-	-	0.6	-	-	-	0.3	-	-	-	18
19	-	-	0.3	2.3	-	-	-	0.3	-	4.5	-	-	19
20	-	-	-	1.0	19.3	-	0.3	23.0	-	4.9	0.6	-	20
21	-	-	3.6	1.2	59.4	2-34	-	12.9	-	12.8	0.3	1.8	21
22	-	-	4.6	1.3	16.3	29	4.1	-	7.8	1.2	12.3	0.3	22
23	-	0.7	-	1.1	2.3	-	0.5	-	-	6.2	7.5	1.0	23
24	0.6	-	-	-	-	-	1.3	-	1.7	-	3.5	-	24
25	-	0.6	-	-	0.6	-	0.3	-	-	8.2	0.2	-	25
26	-	0.4	-	4.4	10.7	-	0.8	-	-	5.4	4.6	-	26
27	-	-	7.3	3.0	6.6	0.4	2.5	-		-	3.6	-	27
28	-	-	2.7	5.7	4.7	-	5.2	16.2	-	-	-	0.4	28
29	-	-	5.2	3.3	10.8	0.6	0.8	5.7	4.6	12.1	3.6	2.6	29
30	-	✕	1.2	-	6.2	11.1	-	-	4.8	-	8.3	4.2	30
31	-	✕	1.1	✕	0.6	✕	8.5	-	✕	-	✕	1.9	31
TOTAL	68.6	10.1	41.1	82.2	170.7	17.2	122.1	61.0	46.3	101.1	59.0	30.0	809.4
*Days with ·01 in. or more.	15	8	12	23	20	5	20	9	14	19	20	15	180
*Days with ·04 in. or more.	12	3	10	22	15	3	14	6	11	18	12	9	135

40-9999 68.6 10.1 41.1 82.2 170.7 14.2 122.1 61.0 46.3 101.1 ✓ 59.0 30.0 809.4

(Signed).......... [P.T.O.]

*See Instruction 2 (*f*) on other side.

3119

Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091

REGISTER OF RAINFALL IN 193~~2~~3

Kept at Sheffield AV

in the County of Yorks, W. R.

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	
1	4.6	6.9	2.3	-	-	-	-	-	-	-	0.8	-	1
2	7.1	-	8.8	-	-	-	-	-	-	-	2.1	-	2
3	0.7	3.6	3.8	-	9.2	-	-	-	-	-	1.0	-	3
4	3.1	1.2	0.9	-	4.0	-	-	-	-	-	-	-	4
5	2.4	0.8	3.4	-	2.1	-	-	-	-	-	-	-	5
6	-	3.3	0.4	-	9.9	-	-	-	-	-	-	1.1	6
7	0.4	1.3	0.2	-	3.7	-	7.7	-	-	19.9	-	0.8	7
8	1.5	0.8	0.8	-	-	-	21.1	-	-	-	-	0.6	8
9	-	4.4	-	-	-	-	10.2	-	-	16.2	0.5	-	9
10	-	3.3	-	-	-	1.3	0.8	-	-	47.8	-	-	10
11	-	-	-	-	0.3	-	1.8	-	-	4.0	-	-	11
12	-	-	-	-	-	1.5	2.3	-	-	-	-	3.6	12
13	-	-	-	-	12.5	-	2.4	-	1.6	1.0	0.5	-	13
14	0.7	-	-		0.5	-	-	-	-	1.0	9.2	-	14
15	18.4	-	0.6	-	-	0.5	1.3	2.6	-	7.1	21.3	4.5	15
16	7.1	-	8.2	4.6	1.4	2.3	2.3	0.5	-	3.7	1.0	-	16
17	1.8	-	18.0	-	-	2.8	-	-	1.2	-	3.3	-	17
18	0.5	0.8	2.3	-	-	8.4	-	-	-	-	1.8	-	18
19	-	-	12.3	09	-	0.5	-	-	7.4	-	0.6	0.3	19
20	-	0.4	-	-	0.4	1.5	-	1.5	-	-	0.5	-	20
21	-	-	-	-	-	1.3	-	1.6	3.1	0.5	0.4	-	21
22	-	-	-	-	-	-	-	5.3	-	12.0	-	0.3	22
23	-	0.5	-	2.4	-		-	-	7.8	0.3	-	-	23
24	-	17.4	-	4.5	1.7	5.8	-	-	14.6	0.2	1.2	-	24
25	-	40.9	-	4.4	-	0.8	-		2.9	-	-	0.8	25
26	-	26.7	-	1.0	-	-	-	-	0.8	2.3	2.2	0.3	26
27	-	0.9	-	-	19	-	-	-	1.4	2.3	-	-	27
28	-	-	-	0.8	-	-	0.8	-	0.3	4.6	-	-	28
29	0.3	X	-	7.5	-	-	-	-	-	2.2	-	0.4	29
30	1.6	X	1.7	7.7	0.4	-	1.0	-	-	1.5	-	2.1	30
31	2.9	X	0.5	X	-	X	1.3	-	X	1.4	X	-	31
TOTAL	53.1	113.2	64.2	33.8	48.0	26.7	53.0	11.5	41.1	128.0	46.4	14.8	YEAR'S TOTAL 633.8
*Days with ·01 in. or more.	15	16	15	9	13	11	12	5	10	18	15	11	150
*Days with ·04 in. or more.	10	10	9	7	9	8	10	4	8	15	9	4	103
40-9999	53.1	113.2	64.2	33.8	48.0	26.7	53.0	11.5	41.1	128.0	46.4	14.8	

(Signed)..........

P.T.O.

*See Instruction 2 (*f*) on other side.

D

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. 3119

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Sheffield A.P.
in the County of Yorks W.R.
Diameter of Funnel of Gauge .... in.
Height of top of Gauge above Ground .... ft .... in.
,, Ground ,, Sea Level .... ft.

400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	
1	0.8	-	-	-	-	-	-	3.2	-	1.5	-	3.3	1
2	-	-	2.0	-	0.4	-	-	1.5	4.5	-	2.3	2.8	2
3	0.6	0.8	-	-	-	-	-	-	-	4.3	-	-	3
4	0.9	-	7.8	6.7	0.6	-	-	-	1.2	15.8	-	21.9	4
5	-	-	3.4	0.3	3.8	-	-	9.9	-	1.6	2.8	0.6	5
6	-	-	4.7	-	7.0	-	-	2.0	-	4.6	-	16.4	6
7	1.8	-	1.9	-	1.0	0.8	-	-	-	1.0	-	5.3	7
8	-	-	0.6	-	2.4	2.6	-	0.7	-	1.0	7.7	0.8	8
9	-	-	5.6	1.2	-	-	-	0.6	-	-	20.6	5.2	9
10	0.3	-	7.4	7.4	-	-	-	0.3	-	0.5	2.0	-	10
11	14.0	-	5.9	12.1	-	-	-	-	-	-	-	7.1	11
12	-	-	4.7	1.3	-	-	6.4	0.7	-	-	-	1.8	12
13	15.0	-	0.2	0.9	-	-	3.1	1.6	-	1.0	-	0.3	13
14	2.3	-	8.2	-	0.8	5.3	-	-	-	6.0	4.5	7.6	14
15	7.6	-	3.8	-	9.2	-	-	-	4.8	1.0	3.9	0.9	15
16	7.2	-	2.4	-	3.1	-	-	-	-	-	1.0	2.6	16
17	8.0	-	1.2	-	1.0	-	2.2	-	3.3	-	0.6	2.8	17
18	3.3	-	7.6	5.4	-	0.6	-	-	-	-	-	1.2	18
19	-	-	4.8	0.5	0.8	2.0	-	-	4.6	-	-	-	19
20	-	-	0.3	0.3	2.1	-	-	-	-	-	-	-	20
21	-	-	-	-	-	7.5	-	-	2.3	1.3	-	-	21
22	-	-	0.3	-	-	-	-	1.8	8.5	2.0	-	-	22
23	-	-	1.7	6.6	-	-	16.0	-	-	0.8	3.8	2.8	23
24	-	2.0	2.0	3.8	-	1.8	2.0	-	1.1	1.9	-	1.0	24
25	1.5	-	-	1.0	0.9	-	1.6	-	2.0	5.3	-	14.0	25
26	4.1	-	-	2.8	-	0.3	0.5	-	1.9	-	0.8	1.5	26
27	-	4.7	-	13.5	-	1.3	2.2	-	0.7	7.1	-	7.6	27
28	-	-	-	1.5	-	1.1	0.8	3.1	-	3.4	-	9.6	28
29	-	X	0.5	-	-	-	-	-	9.4	0.3	-	3.5	29
30	0.8	X	-	-	-	-	4.8	-	0.8	4.6	-	3.0	30
31	0.5	X	-	X	-	X	-	2.1	X	1.1	X	-	31
TOTAL	68.7	7.5	77.0	65.3	33.1	23.3	39.6	27.5	45.1	66.1	50.0	123.6	626.8
*Days with ·01 in. or more.	16	3	22	16	13	10	10	12	13	21	11	24	171
*Days with .04 in. or more.	10	2	17	12	8	7	8	8	11	18	9	20	130
40-9999	68.7	7.5	77.0	65.3	33.1	23.3	39.6	27.5	45.1	66.1	50.0	123.6	

*See Instruction 2 (*f*) on other side.

(*Signed*) ....

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3119

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Sheffield A.P.

in the County of Yorks W.R.

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

127

400

24

T.L.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	mm ~~in.~~	†	
1	3-5	0.5	12.0	0.5	-	1.0	-	-	4.8	2.0	4.3	12.8		1
2	-	1.0	17	-	-	5.4	-	-	-	11.3	1.0	5.3		2
3	-	8.4	2.0	0.6	-	1.3	1.1	-	-	1.5	5.9	-		3
4	-	-	0.6	0.2	-	1.5	1.0	-	0.3	17.1	-	-		4
5	-	3.7	2.6	4.3	-	6.3	0.7	-	-	09	1.6	-		5
6	0.6	-	-	1.1	-	6.5	-	-	-	-	-	-		6
7	0.8	-	-	2.5	-	13.1	-	-	-	5.7	9.5	2.9		7
8	-	-	0.6	2.6	-	3.8	-	3.0	-	0.3	1.2	5.7		8
9	-	-	-	5.0	-	6.2	-	-	-	21.8	4.4	0.6		9
10	-	-	-	9.2	-	-	-	-	-	5.4	4.4	-		10
11	14.8	0.5	-	-	-	0.6	-	0.4	-	-	4.1	2.1		11
12	-	2.3	-	-	-	1.9	-	-	1.1	-	-	-		12
13	1.2	1.4	-	1.3	4.1	0.6	-	-	100	0.9	-	-		13
14	-	-	-	0.7	2.6	0.7	0.7	-	0.8	-	14.4	2.8		14
15	-	12.4	-	10.2	1.3	0.3	1.2	-	3.5	-	4.9	6.9		15
16	-	15.3	4.6	1.2	-	4.0	0.5	-	14.9	-	17.9	-		16
17	-	1.6	-	4.4	-	9.5	5.4	-	3.7	0.5	23.5	-		17
18	0.8	-	-	3.7	1.0	2.1	2.4	8.4	5.9	4.5	2.0	-		18
19	0.5	0.4	-	4.1	-	3.1	1.8	-	-	5.8	7.1	-		19
20	-	4.1	-	10.7	-	2.1	-	-	-	-	11.0	-		20
21	-	18.6	-	-	-	-	-	-	10.7	1.1	3.1	1.7		21
22	-	2.1	0.7	-	-	-	-	-	-	-	1.3	-		22
23	-	-	13.1	1.0	-	-	-	18.9	1.2	6.4	-	-		23
24	8.7	19.1	0.5	-	-	-	-	-	28.0	-	-	10.5		24
25	3.8	3.3	-	-	-	7.2	-	-	-	-	0.4	2.3		25
26	1.0	-	-	-	-	-	0.9	16.9	5.8	4.7	3.8	9.8		26
27	-	6.3	-	-	0.7	-	1.3	-	7.4	6.0	3.9	13.7		27
28	0.6	0.5	-	-	-	-		-	1.5	0.6	0.8	5.1		28
29	0.5	X	0.6	-	-	-		-	2.9	7.1	1.2	5.0		29
30	0.7	X	-	-	-	-		2.6	1.7	12.7	15.9	1.1		30
31	0.5	X	-	X	-	X		0.5	X	12.3	X	6.2		31
TOTAL	38.0	101.5	39.0	6.33	9.7	77.2	17.0	50.7	104.2	128.6	147.6	94.5	871.33	
*Days with ·01 in. or more.	14	18	11	18	5	20	11	7	17	21	24	17	183	
*Days with ·04 in. or more.	6	14	6	14	4	16	7	5	15	~~20~~ 16	22	16	145	

40-9999 38

*See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) ....

[P.T.O.

3119

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 127

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Sheffield (A.P.)

in the County of Yorks, W.R.

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

This record seems low & there is little chance of getting an improvement now. The record should not be printed but the totals should be MM. to print with the long records. MWR accept probably

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following: 4(31st)

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	†	
1	-	-	2.4	16.3	-	1.8	0.9	5.2	-	-	1.1	3.0		1
2	0.5	0.3	1.8	2.1	-	21.8	2.0	1.0	-	-	3.8	2.1		2
3	0.7	0.9	0.4	-	-	2.0	-	0.8	5.0	-	-	2.6		3
4	0.8	2.5	1.1	-	-	2.5	-	0.2	0.9	-	3.7	5.9		4
5	3.1	1.3	4.8	-	-	-	-	3.8	0.5	-	-	10.2		5
6	0.6	-	-	-	0.4	-	4.3	7.0	10.8	-	5.6	-		6
7	4.4	-	0.7	-	-	-	7.3	-	11.9	-	1.8	1.9		7
8	4.8	-	0.8	-	-	-	-	-	-	-	5.3	0.7		8
9	6.4	0.5	4.4	-	0.3	0.5	19.4	-	-	1.1	6.2	-		9
10	1.1	-	-	-	-	-	8.8	0.5	1.5	-	1.8	-		10
11	-	-	-	1.2	-	0.9	1.0	-	0.7	-	15.8	-		11
12	-	-	-	3.8	1.1	24.7	9.7	-	12.6	-	2.1	1.4		12
13	-	-	-	1.0	-	2.8	3.2	-	-	0.9	-	15.6		13
14	-	-	-	2.7	-	2.0	-	-	4.3	-	2.6	6.5		14
15	6.3	0.5		2.1	1.4	0.3	0.4	3.4	-	-	9.9	2.6		15
16	4.0	1.2	-	-	-	-	0.7	-	-	0.9	12.1	-		16
17	1.3	18.4	-	-	2.6	-	5.0	-	-	3.4	1.1	3.5		17
18	-	0.8	-	-	-	-	2.8	0.4	-	9.0	-	-		18
19	12.8	3.3	-	3.7	-	7.1	-	10.3	-	3.8	-	-		19
20	4.8	5.7	-	-	-	0.6	-	-	0.5	0.3	-	0.4		20
21	0.3	-	1.7	2.0	-	1.1	-	-	-	-	-	-		21
22	1.6	8.0	3.0	-	0.9	7.1	5.8	-	-	-	-	-		22
23	-	-	4.6	1.6	3.0	-	10.6	-	-	0.3		-		23
24	5.6	1.5	-	1.0	3.4	-	0.2	-	3.7	9.4	-	-		24
25	2.9	-	1.6	2.4	-	-	1.9	-	8.4	6.0	-	-		25
26	0.3	1.2	15.1	-	-		-	-	0.8	14.0	-	-		26
27	6.1	-	0.4	-	-	-	-	-	2.6	9.6	-	-		27
28	6.1	14.8	1.5	-	-	-	6.9	-	0.3	-	0.6	2.2		28
29	5.1	8.6	7.4	-	0.4	12.0	-	-	-	0.9	2.2	4.3		29
30	2.3	✕	-	-	21.0	-	1.8	-	-	14.7	1.1	1.3		30
31	-	✕	1.0	✕	-	✕	0.3	-	✕	-	✕	3.2		31
TOTAL	81.9	69.5	52.7	39.9	34.5	87.2	9.30	3.26	64.5	74.3	76.8	67.4	774.3	mm
* Days with .01 in. or more.	23	16	17	12	10	15	20	10	15	14	17	17	186	
* Days with .04 in. or more.	17	11	13	12	6	11	15	6	9	9	16	15	140	

40-9999 81.9 69.5 52.7 39.9 34.5 87.2 93.0 32.6 64.5 74.3 76.8 67.4 774.3

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(Signed) ....

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3119

127

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1937.

Kept at Sheffield (A.P.)
in the County of Yorks, W.R.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft 0 in.
,, Ground ,, Sea Level 429 ft.

TL

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm		
1	4.1	2.0	0.8	-	-	-	0.3	-	2.0	-	0.8	10.7		1
2	3.1	3.3	0.3	8.1	-	-	-	-	-	-	-	41.1		2
3	-	1.0	-	2.0	2.5	-	0.3	-	-	-	-	1.0		3
4	4.8	1.4	1.3	2.5	0.2	-	-	0.3	-	-	-	8.6		4
5	22.7	-	2.7	-	0.8	-	-	-	-	-	-	1.0		5
6	3.7	-	1.7	0.5	3.8	-	3.5	-	-	-	2.0	6.3		6
7	0.6	12.2	-	5.3	2.0	1.2	-	-	-	-	1.5	-		7
8	-	12.3	-	1.3	-	-	1.5	-	-	-	3.5	1.0		8
9	-	10.8	-	0.9	8.6	-	12.5	2.0	-	-	-	0.8		9
10	0.5	3.1	2.5	1.3	0.1	2.8	-	-	-	-	0.8	6.6		10
11	-	-	34.3	-	24.2	-	-	-	-	-	-	0.8		11
12	3.8	6.1	3.2	-	8.6	1.6	-	-	5.3	-	-	4.1		12
13	-	0.7	-	-	0.5	17.5	-	2.8	1.8	-	-	4.6		13
14	-	0.8	10.6	0.5	-	0.2	-	5.9	1.3	-	-	2.5		14
15	4.1	5.4	-	9.4	-	-	40.7	-	0.8	-	-	0.8		15
16	0.5	8.7	9.8	9.3	-	-	-	1.8	6.1	-	-	-		16
17	8.5	0.2	7.0	5.9	-	0.2	-	-	31.3	-	-	-		17
18	25.4	1.2	2.9	-	-	0.5	2.0	0.3	1.0	-	16.8	-		18
19	-	9.6	-	0.3	-	1.8	3.8	-	-	-	8.6	-		19
20	5.6	7.7	-	5.1	15.7	-	-	-	-	-	-	0.3		20
21	1.4	0.3	0.5	-	-	-	5.6	-	-	0.5	-	0.5		21
22	0.7	-	0.2	-	1.7	-	0.8	-	-	4.8	9.1	-		22
23	12.3	-	-	-	0.2	-	3.8	-	-	32.5	13.7	-		23
24	9.3	8.1	1.7	-	0.8	-	0.5	-	-	11.4	-	-		24
25	1.9	12.8	2.8	-	-	-	-	-	0.5	9.1	-	0.3		25
26	-	7.0	1.5	-	8.0	-	-	-	-	-	-	0.3		26
27	-	8.4	-	4.1	-	-	-	-	-	18.5	-	1.0		27
28	0.4	8.8	0.7	-	-	1.2	-	-	-	0.3	-	-		28
29	2.4	X	0.4	-	-	-	-	-	-	1.0	0.8	0.5		29
30	11.7	X	-	-	-	0.7	-	1.8	-	0.5	2.3	1.0		30
31	11.8	X	-	X	-	X	-	-	X	6.9	X	1.3		31
TOTAL	139.3	131.9	84.9	56.5	77.7	27.7	75.3	14.9	50.1	85.5	59.9	95.1	898.8	
*Days with ·01 in. or more.	22	23	19	15	14	10	12	7	9	10	11	22	174	
*Days with ·04 in. or more.	17	19	13	11	12	6	8	5	4	4	8	14	127	

139.3 131.9 84.9 56.5 77.7 27.7 75.2 14.7 50.0 85.6 59.9 95.0 898.4

40-9999
*See Instruction 2 (*f*) on other side.
† Spare column, no entries required.
(Signed) ....
[P.T.O.

127

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3119

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1

REGISTER OF RAINFALL IN 1938

Kept at Sheffield (A.P)

in the County of Yorks W.R.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 428 ft.

T. L.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·06	·06	-	-	·05	57	·49	-	-	·03	·04	·23		1
2	·02	·02	-	·10	·03	·15	-	-	·01	·23	·10	·04		2
3	·03	-	-	-	-	·02	·13	-	·14	1·26	·13	-		3
4	·13	-	-	-	-	·05	·10	·07	-	·33	·15	·22		4
5	-	-	-	-	-	·02	·27	·07	·02	·39	-	·02		5
6	·06	·02	-	-	-	-	·51	·74	·02	·10	-	·02		6
7	·14	-	-	-	-	-	·21	·03	·39	·15	-	·06		7
8	·40	-	-	-	-	-	·21	-	-	·56	-	·03		8
9	·02	·16	-	-	-	·12	·01	·11	-	·01	-	·42		9
10	-	·03	-	-	-	-	·34	·01	-	·02	·01	·06		10
11	·32	-	-	-	-	-	·08	-	-	·12	·05	·07		11
12	·16	-	-	-	·11	-	-	·73	-	·58	·11	-		12
13	·08	·02	-	-	-	-	-	·12	·07	·07	·13	·23		13
14	·33	·04	-	-	0·2	-	·43	-	·11	-	·01	-		14
15	·59	-	-	-	·02	-	·20	-	-	·02	·01	·35		15
16	·18	-	·05	-	-	-	·28	·04	-	·04	·10	·18		16
17	-	·01	-	-	·46	-	·10	-	·08	·07	-	·03		17
18	·04	-	-	-	·14	·01	-	·04	·12	·10	·31	-		18
19	-	-	-	-	-	-	-	·10	-	-	-	·09		19
20	·02	-	-	-	-	-	-	-	·04	-	·37	·11		20
21	-	-	·02	-	-	-	-	·02	·02	-	·01	·12		21
22	-	-	-	·01	-	·22	-	-	-	-	·34	·12		22
23	-	-	-	-	·03	·05	·01	-	·29	-	·65	-		23
24	·01	-	·09	-	-	·01	·04	·12	·17	-	·07	-		24
25	·18	·14	·03	-	-	-	-	·02	-	·21	·77	·07		25
26	·01	·38	·03	-	-	·17	-	-	·22	·11	·03	·03		26
27	·09	·13	-	-	·13	·22	·21	·50	·05	·01	·30	-		27
28	·33	·05	-	-	·62	·21	·11	·34	·15	·01	-	·06		28
29	·07	X	·06	·08	67	·05	·06	-	-	-	·11	·05		29
30	·21	☒	-	-	·02	·12	-	-	·41	-	·20	·02		30
31	·21	☒	-	☒	·34	☒	-	·03	☒	·30	☒	·63	Year's Total	31
TOTAL	3·69	1·06	·28	·19	2·64	1·99	3·79	3·09	2·31	4·72	4·00	3·31	31·07	
* Days with .01 in. or more.	24	12	6	3	13	15	19	17	17	22	22	24	194	
* Days with .04 in. or more.	18	7	3	2	9	11	17	12	13	16	17	18	143	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. ~~127~~ 3119

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

T.L.

Kept at Sheffield (A.P.)
in the County of Yorks W.R.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 428 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·01	-	·08	·10	-	-	·09	·16	·03	·01	-	·04		1
2	·09	-	·01	·11	-	-	·02	·07	1·27	·04	·06	·02		2
3	·22	-	-	·28	-	-	-	·34	-	-	·33	·15		3
4	·14	-	·24	·53	-	-	·08	·24	-	·13	·06	·92		4
5	-	-	-	-	·15	-	·05	·36	-	·05	·33	·14		5
6	·41	-	·01	-	-	-	·60	-	-	·01	·19	-		6
7	·04	·16	·12	-	-	-	·05	·01	-	·02	·34	·35		7
8	·17	·15	·27	-	-	-	·20	-	-	·12	·13	·28		8
9	·08	·24	-	-	-	-	-	·24	-	·81	-	·24		9
10	·93	-	·04	-	-	-	-	·01	·05	·06	-	-		10
11	·10	·04	·16	-	·03	·18	-	·03	·08	·01	-	·01		11
12	·21	·16	-	-	-	·07	-	-	-	-	-	·01		12
13	-	-	-	·07	·06	·17	·04	-	-	·13	·01	-		13
14	·68	-	·02	·06	·28	·07	·27	-	-	·18	·14	·01		14
15	·13	-	-	·02	·45	·31	·11	-	·01	-	·07	-		15
16	·03	-	·17	-	·87	-	·30	-	-	-	·13	-		16
17	1·12	·04	·02	·17	·02	-	·02	-	-	1·43	·02	-		17
18	·20	·04	-	-	-	·22	·40	-	·03	·02	1·21	-		18
19	·22	-	-	-	-	·40	·37	-	·02	-	-	·01		19
20	·02	-	-	-	-	·41	·78	·42	·27	-	-	-		20
21	·11	·15	·26	·06	·08	·33	·09	-	·16	-	-	-		21
22	·12	·39	·13	-	-	-	·08	-	·01	·02	·34	-		22
23	·06	·02	-	·20	-	·06	·05	-	-	·11	·35	-		23
24	·03	-	·02	·02	-	-	·25	-	-	-	-	-		24
25	·68	·05	-	·03	-	-	-	·44	-	-	·83	·01		25
26	·01	·03	-	·02	-	-	-	-	-	·06	·22	·07		26
27	·03	·13	·34	-	-	·08	·02	-	-	·22	·15	-		27
28	·02	·17	·26	·12	-	·05	·18	·06	-	-	·25	-		28
29	-	X	·03	·12	-	-	·86	-	-	·22	·09	-		29
30	-	▨	-	-	-	·02	·01	-	-	-	·13	-		30
31	-	▨	-	▨	-	▨	·17	·03	▨	·08	▨	-		31
TOTAL	5·86	1·77	2·18	1·91	1·94	2·37	5·09	2·41	1·93	3·73	5·38	2·26	Year's Total 36·83	
* Days with .01 in. or more.	26	14	17	15	8	13	24	13	10	20	21	14	195	
* Days with .04 in. or more.	19	12	11	11	6	12	20	9	5	14	19	8	146	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

[P.T.O.

127

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3119

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40

Kept at Sheffield (A.P.)
in the County of Yorks W.R.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 428 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	·20	-	·02	-	-	-	-	-	-	·32	-		1
2	-	·02	-	·31	-	-	·03	-	-	-	·42	·04		2
3	·02	·30	-	·09	-	-	-	-	-	·13	·09	·01		3
4	-	·09	-	·03	-	-	-	-	-	·10	·28	·06		4
5	-	-	-	-	·07	-	·14	-	-	·23	·24	·53		5
6	·05	·18	-	-	-	-	-	-	-	·87	·05	·08		6
7	·01	·26	-	·21	·20	-	-	·02	·07	-	-	·02		7
8	-	-	-	·03	-	-	-	-	-	·24	·04	·14		8
9	-	-	·21	-	-	-	·03	·03	·07	·17	·86	·07		9
10	-	-	-	-	-	-	·78	·05	-	-	·25	·46		10
11	-	·07	·02	-	-	-	·30	-	-	-	·97	-		11
12	-	·01	·26	-	-	-	·03	-	·12	-	·63	-		12
13	-	·04	·21	-	-	-	-	-	·24	-	-	-		13
14	-	-	·14	·20	·16	-	·32	-	-	-	·01	·32		14
15	-	-	·03	-	-	-	-	-	·01	·02	·18	·01		15
16	·10	·23	·11	-	-	-	·42	-	·27	·81	·60	·04		16
17	-	·03	·36	-	-	-	·15	-	·07	-	·26	-		17
18	·12	·32	·14	·91	-	-	·02	·01	·21	·12	·03	·06		18
19	-	·16	·13	·23	-	-	·33	-	·18	·06	·21	·02		19
20	-	-	-	·25	-	-	·05	·10	-	·06	·13	-		20
21	·02	-	·07	-	-	·40	·03	-	-	·04	1·11	-		21
22	-	·02	·02	-	·18	·07	-	-	·07	·03	-	·03		22
23	-	·07	·07	·04	·17	·05	-	-	·02	·03	·06	·06		23
24	·10	-	-	·03	-	-	·04	-	-	·08	-	·03		24
25	·02	-	-	-	-	·03	-	-	-	·05	-	-		25
26	·96	·03	-	-	·06	·02	·02	·05	·01	·04	·01	-		26
27	·88	·08	-	-	·03	-	·04	·04	-	-	·05	-		27
28	·60	·43	-	-	·10	-	-	-	-	-	-	-		28
29	-	-	·16	·04	·16	·02	-	-	-	·01	-	·08		29
30	·16	▨	-	·33	-	-	-	-	-	·24	·01	·11		30
31	·24	▨	·17	▨	-	▨	-	-	▨	·88	▨	·24		31
TOTAL	3·28	2·48	2·10	2·72	1·13	·59	2·73	·30	1·34	4·21	6·81	2·41	Year's Total 30·10	
* Days with .01 in. or more.	13	18	15	14	9	6	16	7	12	20	23	20	173	
* Days with .04 in. or more.	9	13	12	10	8	3	10	4	9	16	19	14	127	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

3119/5

wre 7.

FORM 1090. **B** Mo Su

3119/5

Loxley Valley, Crawshaw Wood

1931 — 40

210507

*** The following register of month
&c., is NOT required if daily
values are given on the other s

and also the space for

gister should be sent:—

RAINFALL IN 1931

LOXLEY VALLEY

At (Crawshaw Woo

In the County of

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 *ft.*
Height of Ground above Sea Level

in Summer

Direction from gauge

Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.			
	Inches.	Inches.	Date.		
JAN.	5.41				
FEB.	5.56				
MAR.	·36				
APRIL	3.96				
MAY	2.98				
JUNE	4.80				
JULY	5.36				
AUG.	7.26				
SEPT.	5.12				
OCT.	1.36				
NOV.	5.90				
DEC.	2.30				
Total	50.37				

Directions from gauge

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

NEW 5"

Signature Sheffield Corporation W.W.

O.S. map. No. 37. H.9.

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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N

FORM 1090. **B** M
Su

311 9/5

wte 7.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

LOXLEY VALLEY

At (Crawshaw Wood) No 23

In the County of

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1175 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	5.41				
FEB.	5.56				
MAR.	.36				
APRIL	3.96				
MAY	2.98				
JUNE	4.80				
JULY	5.36				
AUG.	7.26				
SEPT.	5.12				
OCT.	1.36				
NOV.	5.90				
DEC.	2.30				
Total	50.37				

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

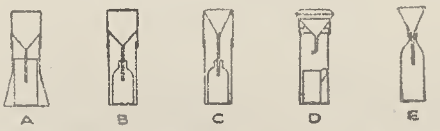
Nature of objects nearest to gauge	53 23 38			
Heights of objects	1 37 14			
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

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(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

NEW 5"

Signature Sheffield Corporation W.W.

O.S. map. No 37. H.9.

*See Instruction 2 (*f*) below.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 }·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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IV

print

3119/5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932

At Crawshaw Wood

In the County of Yorkshire

Rain Gauge
Diameter of Funnel..................in.
Height of Top above Ground..........*ft*..........*in.*
Height of Ground above Sea Level..........*ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4.89				
FEB.	.54				
MAR.	2.83				
APRIL	4.64				
MAY	5.47				
JUNE	1.04				
JULY	4.23				
AUG.	1.99				
SEPT.	3.34				
OCT.	6.93				
NOV.	3.59				
DEC.	1.79				
Total	41.28				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Loxley Valley

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales Esq. M. Inst C.E. – Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter..........in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

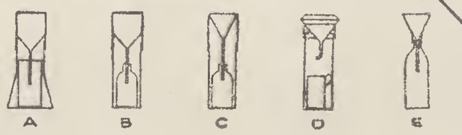
As Before

If gauge has been moved during the year state

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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M 1090.

Loxley Valley.

3119/5

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933.

At Crawshaw Wood

In the County of Yorkshire

Rain Gauge
Diameter of Funnel As Before in.
Height of Top above Ground ft. in.
Height of Ground above Sea Level ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more *	Number of Days with ·04 in. or more *
	Inches	Inches	Date.		
JAN.	3·24				
FEB.	6·25				
MAR.	3·20				
APRIL	1·56				
MAY	2·07				
JUNE	2·26				
JULY	3·25				
AUG.	·92				
SEPT.	1·56				
OCT.	5·61				
NOV.	2·44				
DEC.	·63				
Total	32·99 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales - M. Inst C.E. Manager & Engineer
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9am in Summer 9 am.

~~Nearest Railway Station Distance Direction from gauge~~

~~Nearest Parish Church at Distance Direction from gauge~~

~~Nature of objects nearest to gauge~~				
~~Heights of objects~~				
~~Distances~~ ..				
~~Directions from gauge~~ ..				

As Before

~~If gauge has been moved during the year state—~~

~~Date of move Distance Direction~~

~~Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)~~

~~If the gauge is of a self-registering or self-recording type please give particulars.~~

If you know of any **record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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D

Loxley Valley :

3119/5

FORM 1090. **B** Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Crawshaw Wood

In the County of Yorkshire

Rain Gauge

Diameter of Funnel .... in.

Height of Top above Ground .... *in.*

Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·27				
FEB.	·18				
MAR.	4·39				
APRIL	2·86				
MAY	2·47				
JUNE	1·53				
JULY	2·62				
AUG.	2·06				
SEPT.	2·81				
OCT.	4·68				
NOV.	2·35				
DEC.	6·94				
Total	37·16				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station No. 7.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales Esq. M. Inst. C.E. Engineer & Manager. Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

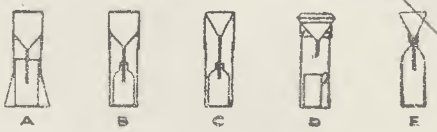
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Loxley Valley

Form 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Crawshaw Wood

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel ....in.
- *Height of Top above Ground*..............*in.*
- *Height of Ground above Sea Level*..........*ft.*

As Before

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·24				
FEB.	6·86				
MAR.	1·95				
APRIL	3·63				
MAY	·26				
JUNE	4·17				
JULY	1·44				
AUG.	2·23				
SEPT.	6·27				
OCT.	8·45				
NOV.	7·75				
DEC.	4·69				
TOTAL	49·94 ✓				

Signature John K Swales

*See Instruction 2 *(f)* below.

C Particulars of Station, No 7. 3119/5

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J.K. Swales Esq M. Inst. C.E. Engineer & Manager
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.......................... Distance.............. Direction from gauge..........

Nearest Parish Church at.......................... Distance.............. Direction from gauge..........

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

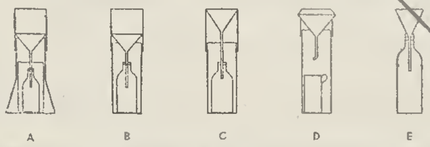
As Before

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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LOXLEY VALLEY.

3119/5

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936

At Crawshaw Wood.

In the County of Yorkshire.

Rain Gauge
- Diameter of Funnel............in.
- *Height of Top above Ground*......*ft*.......*in*. as before
- *Height of Ground above Sea Level*.........*ft*.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4.68				
FEB.	4.14				
MAR.	3.29				
APRIL	1.71				
MAY	1.97				
JUNE	3.77				
JULY	4.10				
AUG.	2.15				
SEPT.	4.42				
OCT.	4.69				
NOV.	5.06				
DEC.	4.91				
TOTAL	44.89				

Signature John K Swales

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.................. Distance.............. Direction from gauge..........

Nearest Parish Church at.................. Distance.............. Direction from gauge..........

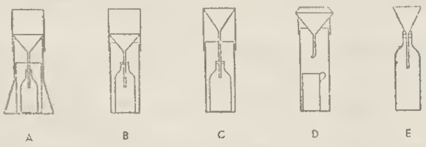
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...		As before.		

If gauge has been moved during the year state –

Date of move.................. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3 119/5

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937..

At Loxley Valley (Crawshaw Wood)

In the County of Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1175 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·51 ✓				
FEB.	7·44 ✓				
MAR.	4·34 ✓				
APRIL	2·59 ✓				
MAY	3·22 ✓				
JUNE	1·36 ✓				
JULY	3·81 ✓				
AUG.	1·13 ✓				
SEPT.	1·61 ✓				
OCT.	3·55 ✓				
NOV.	2·48 ✓				
DEC.	3·89 ✓				
TOTAL	41·93 ✓				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C.E.
General Manager and Engineer
Water Dept. Town Hall
Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge ....

Height of objects ....

Distances ...

Directions from gauge ...

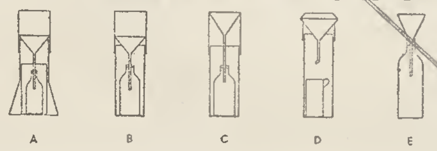
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3119/5

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Locky Valley, Crawshaw Wood

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1175 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·61				
FEB.	2·14				
MAR.	1·09				
APRIL	·38				
MAY	2·99				
JUNE	3·01				
JULY	4·40				
AUG.	2·17				
SEPT.	2·80				
OCT.	8·01				
NOV.	5·98				
DEC.	4·52				
TOTAL	43·10 *				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales, Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

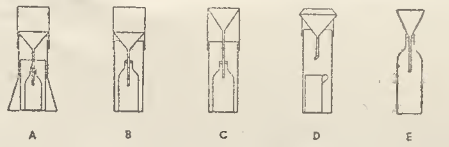
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005 : *this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this* ·005 *mark or between this* ·005 *and the* ·01 *mark are to be entered as* ·01 *even though they may be nearer to the* ·005 *mark than the* ·01 *mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3119/5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Loxley Valley, Crawshaw Wood

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1175 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·31	✓			
FEB.	3·54	✓			
MAR.	2·97	✓			
APRIL	2·78	✓			
MAY	(2·22) ~~1·22~~				
JUNE	2·59	✓			
JULY	7·86	✓			
AUG.	3·37	✓			
SEPT.	1·86	✓			
OCT.	4·52	✓			
NOV.	7·95				
DEC.	3·03				
TOTAL	49·00				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales, Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances				
Directions from gauge				

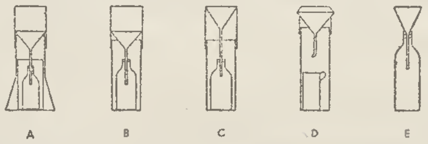
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

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(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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FORM 1090.

3119/5

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940

At Loxley Valley, Crawshaw Wood

In the County of W. R. Yorks

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1175 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(4·13)				
FEB.	(3·14)				
MAR.	3·11				
APRIL	(3·40)				
MAY	1·09				
JUNE	·69				
JULY	3·07				
AUG.	·92				
SEPT.	2·81				
OCT.	4·67				
NOV.	8·68				
DEC.	4·24				
TOTAL	(39·95)				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K Swales Esq M Inst CE, General Manager & Engineer,
Sheffield Corpⁿ Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

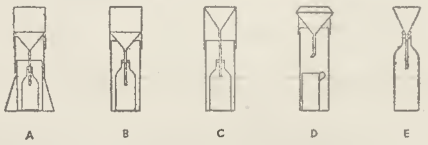
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

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(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

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1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3120

LOXLEY VALLEY, BROADCAR

1931 — 40

240507

FORM 1090.

B

M
Su

xley Valley:

3120

*** The following register of mont
&c., is NOT required if daily
values are given on the other

and also the space for

gister should be sent:—

neral Manager
& Engineer.

heffield

in Summer 9 a.m.

RAINFALL IN 193.

At Broadcar (Yorks

In the County of Yorkshir

Rain Gauge
- Diameter of Funnel As Before
- *Height of Top above Ground* ft
- *Height of Ground above Sea Level*

Direction from gauge

Direction from gauge

Directions from gauge ..

Month.	Total Depth.	Greatest Fall in 24 hours.		N D ·o or	
	Inches.	Inches.	Date.	*	*
JAN.	7.50	✓			
FEB.	5.66	✓			
MAR.	.20	✓			
APRIL	5.57	✓			
MAY	2.90	✓			
JUNE	5.68	✓			
JULY	5.26	✓			
AUG.	7.47	✓			
SEPT.	6.36	✓			
OCT.	1.81	✓			
NOV.	5.65	✓			
DEC.	2.44	✓			
Total	56.50	✓			

Signature John K Swales

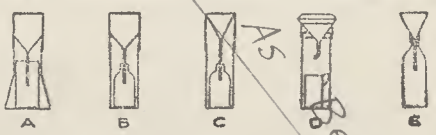
*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move.................... Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



As Before

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** M [redacted] S xley Valley:

3120

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Broadcar (Yorkshire)

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* ft in.
- *Height of Ground above Sea Level* ft.

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	7.50	✓			
FEB.	5.66	✓			
MAR.	.20	✓			
APRIL	5.57	✓			
MAY	2.90	✓			
JUNE	5.68	✓			
JULY	5.26	✓			
AUG.	7.47	✓			
SEPT.	6.36	✓			
OCT.	1.81	✓			
NOV.	5.65	✓			
DEC.	2.44	✓			
Total	56.50	✓			

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K. Swales - M. Inst. C.E. - General Manager & Engineer.
Water Dept. - Town Hall - Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

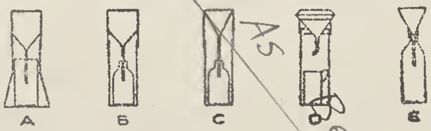
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



As Before

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Loxley Valley 3120

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932

At Broadcar

In the County of Yorkshire

Rain Gauge
Diameter of Funnel As Before in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4.72				
FEB.	.65				
MAR.	2.97				
APRIL	6.04				
MAY	7.29				
JUNE	.92				
JULY	4.73				
AUG.	2.45				
SEPT.	3.36				
OCT.	7.70				
NOV.	4.53				
DEC.	2.06				
Total	47.42				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales Esq. M. Inst CE — Engineer and Manager
Water Dept — Town Hall — Sheffield

Hour of observation by the clock—in Winter............ in Summer............

Nearest Railway Station............ Distance............ Direction from gauge............

Nearest Parish Church at............ Distance............ Direction from gauge............

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

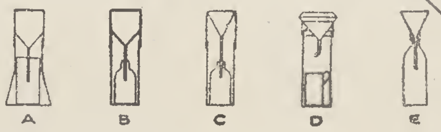
As Before

If gauge has been moved during the year state—

Date of move............ Distance............ Direction............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt. 9673/738 16000 8/32. Gp. 119/110

Loxley Valley

3120

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Broadcar

In the County of Yorkshire

Rain Gauge
Diameter of Funnel As Before in.
Height of Top above Ground in.
Height of Ground above Sea Level ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3·02				
FEB.	8·16				
MAR.	3·65				
APRIL	1·72				
MAY	2·19				
JUNE	2·63				
JULY	3·55				
AUG.	·98				
SEPT.	1·90				
OCT.	6·27				
NOV.	3·27				
DEC.	·73				
Total	38·07 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales. M. Inst. C.E. Engineer + Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted **in British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash—(not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

D

Loxley Valley.
Station No 7.
3120

FORM 1090.

B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1934

At Broadcar
In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... ft. *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·17				
FEB.	·38				
MAR.	4·58				
APRIL	3·72				
MAY	2·39				
JUNE	1·65				
JULY	2·92				
AUG.	2·32				
SEPT.	3·64				
OCT.	5·90				
NOV.	3·45				
DEC.	6·03				
Total	41·15				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales Esq M Inst CE, Water Dept,
Town Hall Sheffield

Hour of observation by the clock—in Winter .... in Summer ....
Nearest Railway Station .... Distance .... Direction from gauge ....
Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c|}17\\18\end{array}\right\}\cdot14\,|$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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31204

/ Loxley Valley

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At Broadcar, Loxley Valley

In the County of Yorkshire

Rain Gauge
Diameter of Funnel..........in.
Height of Top above Ground......ft......in.
Height of Ground above Sea Level......ft.

As Before.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2.83				
FEB.	7.72				
MAR.	2.05				
APRIL	4.38				
MAY	·64				
JUNE	4.18				
JULY	1.81				
AUG.	2.41				
SEPT.	6.66				
OCT.	9.88				
NOV.	7.92				
DEC.	5.08				
TOTAL	55.56 ✓				

Signature John N Swales

*See Instruction 2 *(f)* below.

C Particulars of Station, No 7.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
J. K. Swales Esq. M. Inst. C.E. Manager & Engineer
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.................... Distance.............. Direction from gauge..........

Nearest Parish Church at.................... Distance.............. Direction from gauge..........

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

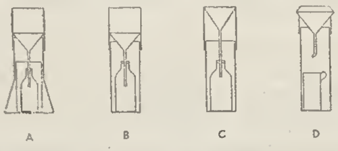
As Before

If gauge has been moved during the year state—

Date of move.................... Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

LOXLEY VALLEY.

3120

FORM 1090.

B Monthly Summary.

** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1936.

At Broadcar.

In the County of Yorkshire.

Rain Gauge
Diameter of Funnel..........in.
Height of Top above Ground ......*ft.*.......*in.*
Height of Ground above Sea Level ....*ft.*
As before.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5.01				
FEB.	4.62				
MAR.	3.43				
APRIL	2.24				
MAY	2.88				
JUNE	3.79				
JULY	4.57				
AUG.	2.17				
SEPT.	6.33				
OCT.	5.73				
NOV.	6.17				
DEC.	4.13				
TOTAL	51.07				

Signature John K. Swales

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

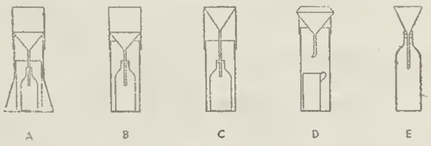
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state –

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

- (a) It is known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17/18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3120

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Loxley Valley (Broadcarr)

In the County of Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1004 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·60				
FEB.	8·40				
MAR.	4·33				
APRIL	3·22				
MAY	3·65				
JUNE	1·51				
JULY	3·88				
AUG.	1·83				
SEPT.	1·62				
OCT.	3·73				
NOV.	2·57				
DEC.	4·86				
TOTAL	47·20				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq M. Inst C.E.
General Manager and Engineer
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

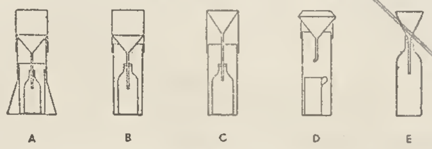
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt.1046/3030. 26,000. 4/36. W. H. & S. 668/91. S.O. Code No. 40-9999

3120

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Loxley Valley, Broadcar

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1004 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·31				
FEB.	3·05				
MAR.	1·40				
APRIL	·42				
MAY	3·10				
JUNE	3·39				
JULY	5·15				
AUG.	3·06				
SEPT.	3·17				
OCT.	8·70				
NOV.	6·09				
DEC.	4·77				
TOTAL	48·61				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K Swales Esq. M.Inst.C.E. General Manager & Engineer

Sheffield Corporation Waterworks Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

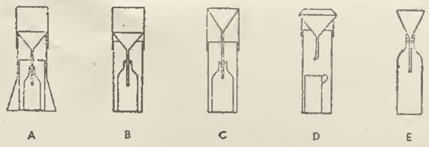
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked .005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3120

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Loxley Valley, Broadcar

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1004 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·29	✓			
FEB.	3·46	✓			
MAR.	3·74	✓			
APRIL	2·96	✓			
MAY	2·54	✓			
JUNE	2·82	✓			
JULY	6·88	✓			
AUG.	3·20	✓			
SEPT.	2·23	✓			
OCT.	4·87	✓			
NOV.	8·47	✓			
DEC.	3·42	✓			
TOTAL	52·18	✓			

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

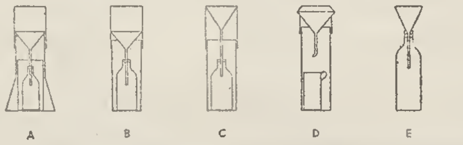
Nature of objects nearest to gauge				
Height of objects				
Distances ...	As before			
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3120

FORM 1090.

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940.

At Loxley Valley, Broadcar

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1004 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with 01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(4:67)				
FEB.	(3:46)				
MAR.	3:43				
APRIL	3:46				
MAY	1:09				
JUNE	·88				
JULY	3:65				
AUG.	1:37				
SEPT.	3:27				
OCT.	4:75				
NOV.	10:37				
DEC.	4·93				
TOTAL	45·33				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K Swales Esq. M. Inst. C.E., General Manager & Engineer
Sheffield Corpn. Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

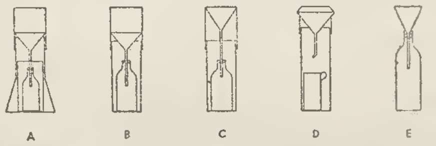
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090. **B**

ley Valley.

3121

3121

LOXLEY VALLEY, OAKS FARM

1931—40

780507

*** The following register of m
&c., is NOT required if dai
values are given on the oth

on and also the space for

s register should be sent:—

eral Manager & Engineer

effield

in Summer 9 a.m

RAINFALL IN 19

At Oakes Farm (Da

In the County of Yorksh

Rain Gauge
Diameter of Funnel As Befo
Height of Top above Ground
Height of Ground above Sea Lev

ce Direction from gauge

ce Direction from gauge

Directions from gauge ..

Month.	Total Depth.	Greatest Fall in 24 hours.		*	*
	Inches.	Inches.	Date.		
JAN.	5·43	✓			
FEB.	4·93	✓			
MAR.	·29	✓			
APRIL	4·84	✓			
MAY	2·90	✓			
JUNE	4·06	✓			
JULY	4·79	✓			
AUG.	6·38	✓			
SEPT.	5·14	✓			
OCT.	1·38	✓			
NOV.	5·00	✓			
DEC.	2·10	✓			
Total	47·84 ✓				
	Inches.				

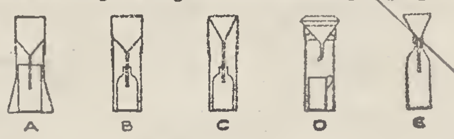
Signature John N [illegible]

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

Gauge becoming overtimbered
This remedied

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

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(269) Wt.5244/391/474 14,000 6/30. Gp. 119/110.

FORM 1090.

B [redacted] ley Valley.

3121

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Oakes Farm (Damflask)

In the County of Yorkshire

As Before

Rain Gauge

Diameter of Funnel .... in.

Height of Top above Ground .... *ft* .... *in.*

Height of Ground above Sea Level .... *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in or more	Number of Days with ·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	5·43 ✓				
FEB.	4·93 ✓				
MAR.	·29 ✓				
APRIL	4·84 ✓				
MAY	2·90 ✓				
JUNE	4·06 ✓				
JULY	4·79 ✓				
AUG.	6·38 ✓				
SEPT.	5·14 ✓				
OCT.	1·38 ✓				
NOV.	5·00 ✓				
DEC.	2·10 ✓				
Total	47·84 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

John K Swales - M Inst CE - General Manager & Engineer
Water Dept - Town Hall - Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

As Before

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and **B**.)

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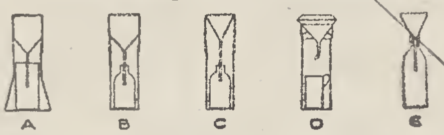

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Gauge becoming overtimbered
This remedied

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Loxley Valley 3121

FORM 1090.

1

B Monthly Summary.

C Particulars of Station.

** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932

At Oaks Farm : Damflask

In the County of Yorkshire :

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

As 13 before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·23				
FEB.	·66				
MAR.	2·68				
APRIL	5·06				
MAY	6·57				
JUNE	·69				
JULY	4·32				
AUG.	1·89				
SEPT.	2·49				
OCT.	6·60				
NOV.	3·51				
DEC.	1·70				
Total	40·40				

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales M. Inst C.E. - Engineer & Manager
Water Dept - Town Hall - Sheffield.

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As 13 before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17/18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Loxley Valley

3121

M 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Oaks Farm, Damflask

In the County of Yorkshire

Rain Gauge

Diameter of Funnel ~~As Before~~ in.

Height of Top above Ground ft. in.

Height of Ground above Sea Level ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3.10				
FEB.	6.36				
MAR.	3.16				
APRIL	1.10				
MAY	2.14				
JUNE	1.93				
JULY	2.73				
AUG.	.89				
SEPT.	1.60				
OCT.	5.62				
NOV.	2.38				
DEC.	.68				
Total	31.69 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J.K. Swales. M.Inst.C.E. Engineer & Manager

Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

~~Nearest Railway Station Distance Direction from gauge~~

~~Nearest Parish Church at Distance Direction from gauge~~

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

~~**If gauge has been moved during the year state**—~~

~~Date of move Distance Direction~~

~~Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and **B**.)~~

~~If the gauge is of a self-registering or self-recording type please give particulars.~~

If you know of any **record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following* 9 *a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Loxley Valley
No 7.

3121

FORM 1090. **B** Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Oaks Farm
In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·37				
FEB.	·38				
MAR.	4·10				
APRIL	2·97				
MAY	2·21				
JUNE	1·52				
JULY	2·08				
AUG.	1·68				
SEPT.	2·47				
OCT.	4·19				
NOV.	2·30				
DEC.	5·94				
Total	34·21				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J K Swales Esq M. Inst C.E. Engineer & Manager
Water Dept, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

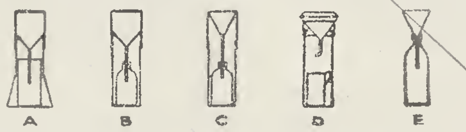
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\ \cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Loxley Valley

3121

FORM 1090.

B Monthly Summary.

C Particulars of Station. no 7.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Oaks Farm Loxley Valley

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... ft. .... *in.*
- *Height of Ground above Sea Level* .... *ft.*

as Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	2·47				
FEB.	6·41				
MAR.	1·72				
APRIL	3·31				
MAY	·55				
JUNE	3·95				
JULY	1·16				
AUG.	1·96				
SEPT.	5·76				
OCT.	7·15				
NOV.	7·34				
DEC.	4·74				
Total	46·52				

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J.K. Swales Esq. M Inst C.E. Manager & Engineer
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

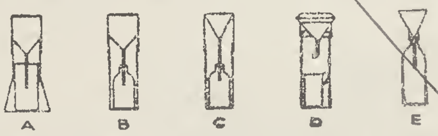
as Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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LOXLEY VALLEY.

3121

FORM 1090. **B** Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Oaks Farm.

In the County of Yorkshire.

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground ....ft.... in. As before.
Height of Ground above Sea Level .... ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4.20				
FEB.	3.91				
MAR.	3.00				
APRIL	1.86				
MAY	1.91				
JUNE	3.69				
JULY	3.58				
AUG.	1.82				
SEPT.	3.94				
OCT.	4.73				
NOV.	5.18				
DEC.	4.30				
TOTAL	42.12				

Signature John K Swales

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :— John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

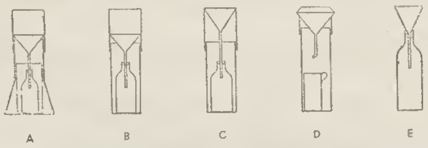
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...		As before.		

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3121

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Loxley V. (Oaks Farm Damflask)

In the County of Yorks

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 650 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·35				
FEB.	6·86				
MAR.	3·70				
APRIL	2·38				
MAY	3·33				
JUNE	·91				
JULY	3·31				
AUG.	·78				
SEPT.	1·49				
OCT.	3·19				
NOV.	2·46				
DEC.	4·10				
TOTAL	38·83				

Signature John K. Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
J. K. Swales Esq. M. Inst C.E.
General Manager and Engineer,
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

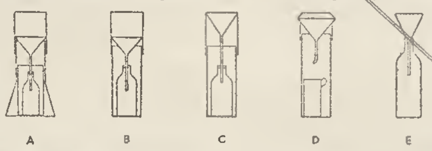
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3121

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Loxley Valley, Oaks Fm. Damflask

In the County of W. R. Yorks

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 650 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	✓ 5·35				
FEB.	2·09 ✓				
MAR.	·59 ✓				
APRIL	·31 ✓				
MAY	2·66 ✓				
JUNE	2·50 ✓				
JULY	4·02 ✓				
AUG.	2·14 ✓				
SEPT.	2·43 ✓				
OCT.	7·15 ✓				
NOV.	5·37 ✓				
DEC.	4·19 ✓				
TOTAL	38·80 ✓				

Signature John K. Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

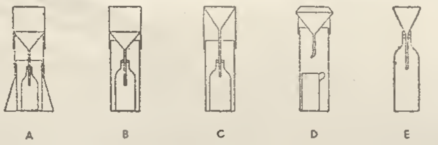
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{matrix}17\\18\end{matrix}\Big\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3121

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Loxley Valley, Oaks Fm. Damflask

In the County of W. R. Yorks

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 650 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·13	✓			
FEB.	2·86	✓			
MAR.	2·13	✓			
APRIL	2·60	✓			
MAY	2·30	✓			
JUNE	2·11				
JULY	7·57	✓			
AUG.	2·91	✓			
SEPT.	(2·23)	✓			
OCT.	4·12	✓			
NOV.	4·18	✓			
DEC.	3·05	✓			
TOTAL	45·19				

Signature John K. Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales, M. Inst. C. E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

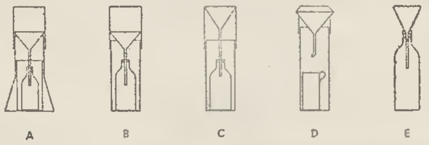
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
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(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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S.O. Code No. 40-9999

Form 1090.

3121

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At Loxley Valley, Oaks Fm. Damflask

In the County of W. R. Yorks

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft.* 0 *in.*

Height of Ground above Sea Level 650 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
Jan.	3·93				
Feb.	(2·89)				
Mar.	2·75				
April	3·44				
May	1·01				
June	·63				
July	3·15				
Aug.	·61				
Sept.	2·47				
Oct.	4·53				
Nov.	9·21				
Dec.	3·89				
Total	38·51				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq., M Inst C.E., General Manager & Engineer
Sheffield Corpn. Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

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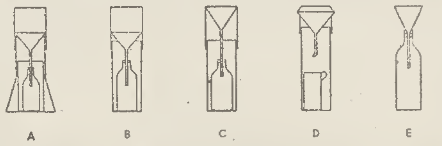

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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

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(b) What note was made of the times of beginning and end of this fall?
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TRAVELLING FORM.
VALUES FORWARDED MONTHLY

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(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090. **B**

—

3122

LOXLEY VALLEY
LOFTSHAW STRINES
1931 —— 40

780507

xley Valley

3122

*** The following register of m
&c., is NOT required if dai
values are given on the oth

n and also the space for

s register should be sent:—
neral Manager & Engineer
effield
in Summer 9 a.m.

RAINFALL IN 19

At Loftshaw - S
In the County of Yorksh

Rain Gauge
Diameter of Funnel As Be
Height of Top above Ground
Height of Ground above Sea Leve

ce........ Direction from gauge
ce........ Direction from gauge

gauge

Month.	Total Depth.	Greatest Fall in 24 hours.			
	Inches.	Inches.	Date.		
JAN.	5·73	✓			
FEB.	4·99	✓			
MAR.	·15	✓			
APRIL	5·28	✓			
MAY	3·24	✓			
JUNE	5·51	✓			
JULY	4·94	✓			
AUG.	7·65	✓			
SEPT.	6·01	✓			
OCT.	1·56	✓			
NOV.	5·65	✓			
DEC.	2·05	✓			
Total	52·71	✓			

Signature John K Swales

*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B**

xley Valley

3122

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Loftshaw - Strines

In the County of Yorkshire

Rain Gauge
Diameter of Funnel..........in.
Height of Top above Ground..........*ft*..........*in*.
Height of Ground above Sea Level..........*ft*.

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	5·73 ✓				
FEB.	4·99 ✓				
MAR.	·15 ✓				
APRIL	5·23 ✓				
MAY	3·24 ✓				
JUNE	5·51 ✓				
JULY	4·94 ✓				
AUG.	7·65 ✓				
SEPT.	6·01 ✓				
OCT.	1·56 ✓				
NOV.	5·65 ✓				
DEC.	2·05 ✓				
Total	52·71 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K. Swales - M.Inst.C.E. - General Manager & Engineer
Water Dept - Town Hall - Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station.......... Distance.......... Direction from gauge ....

Nearest Parish Church at.......... Distance.......... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

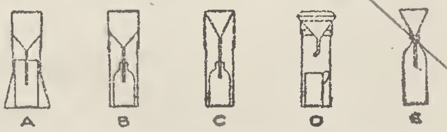
As Before

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Loxley Valley 3122

FORM 1090.
1

B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932

At Loftshaw — Strines

In the County of Yorkshire.

Rain Gauge
Diameter of Funnel as Before in.
Height of Top above Ground in.
Height of Ground above Sea Level ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·45				
FEB.	·75				
MAR.	2·83				
APRIL	4·93				
MAY	6·53				
JUNE	1·06				
JULY	4·45				
AUG.	2·33				
SEPT.	3·05				
OCT.	7·10				
NOV.	3·91				
DEC.	1·81				
Total	43·20				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J.K. Swales Esq. M. Inst CE - Engineer + Manager
Water Dept - Town Hall - Sheffield

Hour of observation by the clock—in Winter in Summer

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

as Before

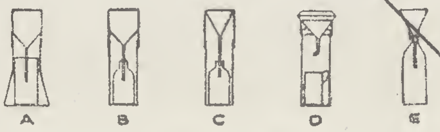
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Loxley Valley.

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.*

RAINFALL IN 1933

At Loftshaw, Strines

In the County of Yorkshire

Rain Gauge
Diameter of Funnel As in.
Height of Top above Ground ft. in.
Height of Ground above Sea Level ft.

Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	2·94				
FEB.	7·61				
MAR.	3·09				
APRIL	1·52				
MAY	2·02				
JUNE	2·32				
JULY	3·18				
AUG.	·96				
SEPT.	1·65				
OCT.	6·46				
NOV.	2·82				
DEC.	·62				
Total	35·19 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

3122

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales M.Inst.C.E. Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances				
Directions from gauge				

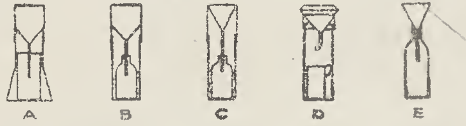
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

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(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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D

Loxley Valley

No 7..

3122

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1934

At Loftshaw

In the County of Yorkshire

Rain Gauge { Diameter of Funnel .... in.

Height of Top above Ground .... *in.*

Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·42				
FEB.	·31				
MAR.	4·35				
APRIL	3·08				
MAY	2·16				
JUNE	1·53				
JULY	2·34				
AUG.	1·82				
SEPT.	3·18				
OCT.	4·65				
NOV.	2·83				
DEC.	6·31				
Total	36·98				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J K Swales Esq M Inst CE Engineer & Manager
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

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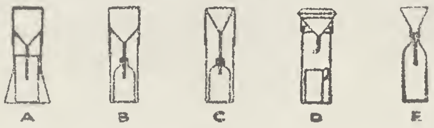

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

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(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

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1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

3122

Loxley Valley

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At Leftshaw Strines Loxley Valley

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel .... in. as Before
- *Height of Top above Ground* .... ft. .... in.
- *Height of Ground above Sea Level* ....

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2.65				
FEB.	7.52				
MAR.	1.90				
APRIL	3.83				
MAY	.55				
JUNE	3.94				
JULY	1.43				
AUG.	2.07				
SEPT.	6.31				
OCT.	8.49				
NOV.	7.92				
DEC.	4.81				
TOTAL	51.42				

Signature John K Swales

*See Instruction 2 *(f)* below.

C Particulars of Station, No 7.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst C.E. Manager & Engineer
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

as Before

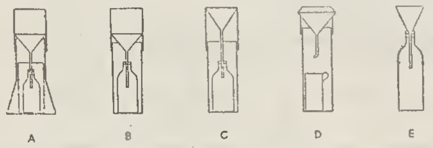
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

LOXLEY VALLEY.

3122

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Loftshaw (Strines)

In the County of Yorkshire.

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground ...... *ft.* ...... *in.* As before.
Height of Ground above Sea Level ...... *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4.59				
FEB.	4.25				
MAR.	3.61				
APRIL	2.06				
MAY	2.28				
JUNE	3.75				
JULY	4.05				
AUG.	2.12				
SEPT.	4.88				
OCT.	5.05				
NOV.	5.69				
DEC.	4.68				
TOTAL	47.01				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

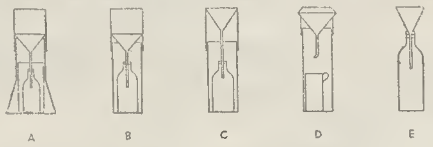
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3122

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Loxley V. (Hofkshaw, Strines)

In the County of Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1011 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·15				
FEB.	7·93 ✓				
MAR.	3·81				
APRIL	2·92				
MAY	3·58				
JUNE	1·28 ✓				
JULY	3·47 ✓				
AUG.	1·42 ✓				
SEPT.	1·63 ✓				
OCT.	3·86 ✓				
NOV.	2·60 ✓				
DEC.	4·59 ✓				
TOTAL	44·24 ✓				

Signature John K. Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C.E.
General Manager and Engineer
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

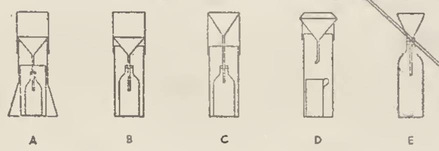
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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Wt.1046/3030. 26,000. 4/36. W. H. & S. 668/91. S.O. Code No. 40-9999

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Loxley Valley, Loftshaw, Strines

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1011 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·51				
FEB.	2·31				
MAR.	·92				
APRIL	·38				
MAY	3·13				
JUNE	3·20				
JULY	4·4				
AUG.	2·51				
SEPT.	3·06				
OCT.	8·20				
NOV.	5·95				
DEC.	4·93				
TOTAL	44·54				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K Swales Esq. M.Inst.C.E. General Manager & Engineer.
Sheffield Corporation Waterworks, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

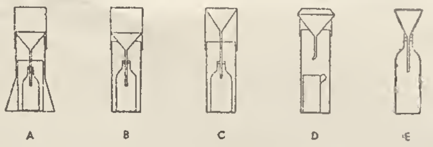
Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)
If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

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(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
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(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3122

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Loxley Valley, Loftshaw Strines

In the County of W. R. Yorks.

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 ft. 0 in.
Height of Ground above Sea Level 1011 ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·98	✓			
FEB.	3·48	✓			
MAR.	3·24	✓			
APRIL	2·84	✓			
MAY	2·20	✓			
JUNE	2·58	✓			
JULY	7·37	✓			
AUG.	3·03	✓			
SEPT.	2·15	✓			
OCT.	4·82	✓			
NOV.	8·10	✓			
DEC.	3·25	✓			
TOTAL	50·04				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales, Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

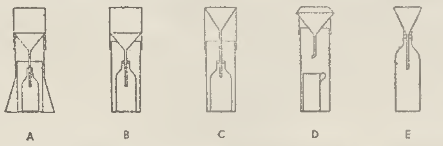
Nature of objects nearest to gauge	As before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3122

FORM 1090.

B Monthly Summary.

C Particulars of Station.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At Loxley Valley, [illegible] Strines

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1011 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(4·29)				
FEB.	(3·10)				
MAR.	3·17				
APRIL	3·10				
MAY	1·06				
JUNE	·74				
JULY	3·31				
AUG.	·95				
SEPT.	2·82				
OCT.	4·77				
NOV.	9·57				
DEC.	4·47				
TOTAL	41·35				

Signature John K Swales

* See Instruction 3 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M. Inst. C.E., General Manager & Engineer
Sheffield Corpn. Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

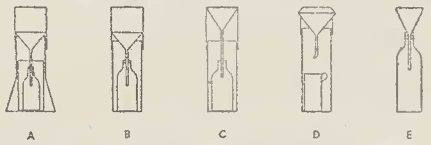
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3122/5

LOXLEY VALLEY, BRADFIELD FILTER

1931 — 40

780507

3122/5

FORM 1090. **B** Mon Sum

, The following register of monthl &c., is NOT required if daily or values are given on the other sid

d also the space for

ter should be sent:—

RAINFALL IN 1931

At Bradfield Filters LOXLEY V.

In the County of York

Rain Gauge
Diameter of Funnel 8
Height of Top above Ground 1 *ft.* 0
Height of Ground above Sea Level 9

n Summer

Direction from gauge

Direction from gauge

Directions from gauge ..

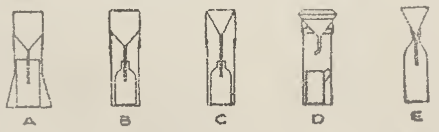
Month.	Total Depth.	Greatest Fall in 24 hours.		Num Day ·01 in or mo	
	Inches.	Inches.	Date.	*	
JAN.	5.44				
FEB.	4.85				
MAR.	.25				
APRIL	5.50				
MAY	3.25				
JUNE	5.25				
JULY	4.66				
AUG.	6.59				
SEPT.	5.25				
OCT.	1.32				
NOV.	5.31				
DEC.	1.90				
Total	49.57				

If gauge has been moved during the year state—

Date of move............ Distance............ Direction............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

NEW 8" gauge.

Signature Sheffield Corporation W.W.

O.S. map No. 37. G.10.

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090. **B** Mon Sum [redacted]

3122/5

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At (LOXLEY VA) Bradfield Filters) No 24

In the County of York.

Rain Gauge

Diameter of Funnel 8 in.

Height of Top above Ground 1 *ft.* 0 *in.*

Height of Ground above Sea Level 551 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	5.44				
FEB.	4.85				
MAR.	.25				
APRIL	5.50				
MAY	3.25				
JUNE	5.25				
JULY	4.66				
AUG.	6.59				
SEPT.	5.25				
OCT.	1.32				
NOV.	5.31				
DEC.	1.90				
Total	49.57				

Signature Sheffield Corporation W.W.

O.S. map No 37. G.10.

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:— 4427

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station................. Distance................. Direction from gauge.................

Nearest Parish Church at................. Distance................. Direction from gauge.................

Nature of objects nearest to gauge	53 25 17			
Heights of objects	1 36 18			
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move................. Distance................. Direction.................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

NEW 8" gauge.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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N

Loxley Valley

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3122/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Bradfield Filters
in the County of Yorkshire
Diameter of Funnel of Gauge As Before in.
Height of top of Gauge above Ground in.
,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·44	·03	-	·30	·56	·01	·11	·08	·27	·27	·05	-	1
2	·34	-	-	-	·39	-	-	·04	·43	·23	·10	·35	2
3	·05	-	-	·45	·02	-	·33	-	·02	-	-	·46	3
4	·02	·01	-	·15	-	-	-	-	-	-	·13	-	4
5	·55	-	·21	·17	·02	-	-	-	·04	-	-	-	5
6	1·05	-	·14	1·00	·01	-	·02	-	·05	-	-	-	6
7	·05	-	·83	·34	-	-	-	-	·33	·15	·03	-	7
8	-	·02	-	·22	·01	-	-	-	·10	·47	-	-	8
9	·23	·22	-	·19	·02	-	-	-	·01	-	-	·04	9
10	·40	·03	-	·16	·01	-	-	-	·32	·23	-	·22	10
11	·13	·13	·05	·07	·30	·11	·50	-	·07	·08	·06	-	11
12	·23	-	-	-	·11	·05	·42	-	-	·26	·07	·09	12
13	·06	·14	-	·15	·04	-	1·54	·01	·13	·93	·07	·09	13
14	·12	-	-	·15	-	-	·69	·06	-	·03	·22	-	14
15	-	-	-	-	·22	-	-	-	-	·06	·02	·10	15
16	·39	-	·01	·37	·01	-	·02	-	-	·07	-	-	16
17	-	-	-	-	-	-	·08	-	-	·69	-	-	17
18	-	-	-	-	·01	-	-	-	·02	-	·01	-	18
19	-	-	-	·13	-	-	-	-	-	·28	-	-	19
20	-	-	-	·20	·50	-	·01	·90	-	·21	·02	-	20
21	-	-	·20	·02	2·20	-	-	·65	-	·57	·03	·09	21
22	-	-	·22	·15	·50	-	·10	-	·30	·07	·81	·04	22
23	-	·03	-	·22	·08	-	·03	-	·01	·20	·36	·07	23
24	·02	-	-	·01	·03	-	·05	-	·08	-	·23	·01	24
25	-	·04	-	·02	·05	-	·01	-	·03	·43	·08	-	25
26	-	·03	-	·18	·40	-	·15	-	·02	·29	·50	-	26
27	-	-	·39	·13	·41	·02	·12	-	-	·01	·25	-	27
28	·01	-	·16	·25	·15	-	·17	·10	-	-	-	·03	28
29	-	-	·40	·13	·30	·02	·08	·16	·21	·81	·21	·15	29
30	-	×	·16	-	·52	·50	·01	·05	·01	·09	·34	·14	30
31	·01	×	·10	×	·01	×	·22	-	×	-	×	·09	31
													YEAR'S TOTAL
TOTAL	4·10	·68	2·87	5·16	6·88	·71	4·66	2·05	2·45	6·43	3·59	1·97	41·55
*Days with ·01 in. or more.	17	10·	12	24	26	6·	20·	9·	19·	22·	20·	15·	200·
*Days with ·04 in. or more.	13·	4	11·	21·	16·	3·	14	8·	12	20·	15·	13	150

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*See Instruction 2 (*f*) on other side.

(*Signed*)

P.T.O.

COPY FOR OFFICIAL USE. Loxley Valley

Section **A** for the entry of Daily Observations. Station No.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933. 3122|5

Kept at Bradfield Filters

in the County of Yorkshire

Diameter of Funnel of Gauge As Before

Height of top of Gauge above Ground ...... in.

,, Ground ,, Sea Level ...... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·24	·54	·08	-	-	-	-	-	-	·04	·10	-		1
2	·40	-	·39	-	-	-	-	-	-	·02	·14	-		2
3	·08	·23	·12	-	·30	-	-	-	-	-	·11	-		3
4	·25	·10	·10	-	·07	-	-	-	-	-	-	-		4
5	·24	·15	·23	-	·21	-	-	-	-	-	-	-		5
6	·91	·11	·08	-	·68	-	-	-	-	-	-	·09		6
7	·11	·08	·03	-	·12	-	·35	-	-	1·20	-	·05		7
8	·18	·02	·07	·01	·02	-	·58	-	-	-	-	·03		8
9	-	·33	-	·04	·01	-	·36	-	-	·53	·03	-		9
10	·03	·24	-	-	-	·04	·07	-	-	1·45	·05	-		10
11	-	-	-	-	-	-	·13	-	-	·28	-	-		11
12	-	-	-	-	-	·11	·05	-	-	·01	-	·07		12
13	-	-	·02	-	·34	·03	·21	-	·06	·02	·08	-		13
14	·22	-	-	-	·12	-	-	·03	-	·02	·56	-		14
15	·81	-	·04	-	-	-	·24	·15	-	·48	·99	·13		15
16	·29	-	·38	·09	·06	·15	·24	·01	-	·14	·08	-		16
17	·08	-	·80	-	-	·30	-	-	·05	-	·23	-		17
18	-	·05	·27	-	-	·53	·02	·03	-	-	·10	-		18
19	·01	·02	·63	-	-	·05	-	-	·11	-	·01	-		19
20	-	·01	-	-	·02	-	-	·26	-	-	·01	-		20
21	-	-	-	-	-	·25	-	·25	·10	·03	·01	·01		21
22	-	-	-	-	-	·18	-	·19	-	·34	-	-		22
23	-	·02	-	·20	-	-	-	-	·31	·02	-	-		23
24	-	·80	-	·21	·05	·31	-	-	·86	·03	-	-		24
25	-	2·38	-	·14	·02	·02	-	-	·16	-	·03	·04		25
26	-	1·17	-	·27	-	-	-	-	·03	·25	·03	-		26
27	-	·06		-	·06	-	-	-	·08	·19	-	-		27
28	-	·01		·06	-	-	·11	-	·02	·11	-	-		28
29	-		-	·17	-	-	-	-	-	·08	-	·02		29
30	·08	X	·08	-	-	-	·07	-	-	·11	-	·17		30
31	·18	X	·02	X	-	X	·25	-	X	·15	X	-		31
TOTAL	3·21	6·32	3·34	1·19	2·08	1·97	2·68	·92	1·78	5·50	2·56	·61	Year's Total 32·16	
*Days with ·01 in. or more.	16.	18	16.	9.	14.	11.	13.	7.	10	21.	16.	9	160	
*Days with ·04 in. or more.	13.	13.	13.	8	10.	9.	12.	4.	8	14	10.	6.	120	

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*See Instruction 2 (*f*) on other side.

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† Spare column, no entries required.

(*Signed*) ...... [P.T.O.

Loxley Valley

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

3122/5

Kept at Bradfield Filters
in the County of Yorkshire
Diameter of Funnel of Gauge As Before in.
Height of top of Gauge above Ground ft. in.
,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·06	-	-	·02	-	-	-	·21	-	·05	-	·30		1
2	-	-	·12	-	-	-	-	·28	·37	-	·11	·24		2
3	·02	·05	-	-	-	-	-	·01	·08	·13	·04	·01		3
4	·08	-	·36	·24	·01	-	-	-	·14	·67	-	·80		4
5	-	-	·23	·01	·25	-	-	·46	-	·33	·24	·07		5
6	-	-	·21	-	·50	·01	-	·20	-	·23	-	·63		6
7	·14	·01	·11	-	·01	-	-	-	-	·12	·02	·28		7
8	-	-	-	-	·11	·35	-	·07	·02	·08	·38	·07		8
9	-	-	·31	·11	-	-	-	·05	-	-	·88	·24		9
10	-	-	·50	·38	-	-	-	·12	-	·13	·14	-		10
11	·61	-	·25	·44	-	-	-	·06	-	-	-	·41		11
12	-	-	·27	·06	-	-	·16	·02	-	-	-	·10		12
13	·63	-	·04	·04	·04	-	·15	·03	-	·13	-	·01		13
14	·22	-	·46	-	·08	·04	-	-	-	·38	·28	·40		14
15	·61	-	·30	-	·57	-	-	-	·10	·05	·16	·10		15
16	·50	-	·23	-	·24	-	-	-	-	-	·09	·08		16
17	·40	-	·20	-	·13	-	·20	-	·32	·05	·01	·17		17
18	·22	-	·40	·12	·05	·04	-	-	·02	-	-	·10		18
19	-	·01	·27	·03	·09	·10	-	-	·07	·01	-	-		19
20	-	-	·02	·04	·12	-	-	·04	·04	-	-	-		20
21	·02	-	-	-	·02	·43	-	·01	·04	·05	-	-		21
22	-	-	-	-	-	-	-	·07	·75	·10	-	·01		22
23	-	-	·05	·36	-	-	·51	-	-	·08	·02	·13		23
24	-	·06	·08	·10	-	·09	-	-	·11	·10	-	·05		24
25	·12	-	-	·08	·04	-	·19	-	·13	·25	-	·68		25
26	·35	-	-	·12	-	·02	·19	-	·16	·01	·08	·02		26
27	·01	·23	-	·69	-	·14	·24	-	·06	·36	-	·36		27
28	-	-	-	·23	-	·21	·12	·09	-	·35	-	·38		28
29	-		·03	-	-	-	-	·07	·45	·03	-	·20		29
30	·08	×	-	-	-	-	·08	-	·02	·19	-	·09		30
31	·01	×	-	×	-	×	·08	·02	×	·12	×	·02		31
TOTAL	4·08	·36	4·44	3·07	2·26	1·43	1·92	1·81	2·88	4·00	2·45	5·95	Year's Total. 34·65	
* Days with .01 in. or more.	17	3	20	17	15	10	10	17	17	24	13	27	190	
* Days with .04 in. or more.	13	5	18	14	12	8	10	12	14	21	10	22	159	

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed)

P.T.O.

Loxley Valley

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 7 3122/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Bradfield Filters, Loxley Valley

in the County of Yorkshire

Diameter of Funnel of Gauge as before in.

Height of top of Gauge above Ground ft. in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·23	·15	·13	·05	–	·01	·02	–	·15	·21	·16	·68		1
2	–	·12	·07	·01	–	·15	–	·02	–	·43	·05	·39		2
3	·01	·54	·08	·09	–	·06	·15	·03	–	·01	·25	·03		3
4	–	–	·01	·01	–	·08	·11	–	·07	1·33	–	·02		4
5	–	·20	·11	·29	–	·77	·04	–	·01	·03	·07	·03		5
6	·05	–	–	·10	–	·25	–	–	–	–	–	–		6
7	·02	–	–	·04	–	·19	–	–	–	·25	·41	·22		7
8	–	–	·03	·15	–	·28	–	·06	–	–	·04	·50		8
9	–	–	–	·25	–	·21	–	–	–	1·10	·30	·02		9
10	–	–	·02	·31	–	·01	–	–	–	·28	·21	–		10
11	·68	·05	–	–	–	·11	–	·02	–	·09	·24	·13		11
12	–	·17	–	–	–	·18	–	–	·12	–	–	–		12
13	·03	·16	–	·05	·34	·02	–	–	·31	·07	·01	–		13
14	–	·01	–	·10	·12	–	–	–	·17	–	·89	·10		14
15	–	1·21	–	·47	·09	·58	·08	–	·20	–	·25	·38		15
16	–	1·13	·18	·15	–	·17	·08	–	·80	·02	·74	–		16
17	–	·10	–	·34	·01	·38	·33	–	·41	·01	·93	–		17
18	·07	·01	–	·20	·04	·18	·15	·28	·44	·34	·15	–		18
19	·03	·01	–	·26	–	·19	·11	–	–	·34	·34	–		19
20	·01	·33	–	·55	–	·09	·02	–	–	–	1·01	–		20
21	–	·55	–	·04	–	–	–	–	·59	·08	·34	·13		21
22	–	·41	·13	–	–	–	–	–	–	–	·14	–		22
23	–	–	·82	–	–	–	–	·83	·08	·38	–	–		23
24	·69	·78	–	–	–	–	–	–	1·15	·02	–	·44		24
25	·20	·23	·03	–	–	·46	–	–	–	–	·04	·13		25
26	·01	–	–	–	–	–	·03	·74	·26	·45	·23	·28		26
27	–	·23	–	–	·01	–	·19	–	·46	·69	·19	·43		27
28	·02	–	–	–	–	–	–	·03	·05	·16	·06	·17		28
29	·01		·04	–	–	–	–	–	·15	·36	·11	·24		29
30	·05	✕	–	–	–	–	–	·12	·28	·50	·75	·12		30
31	·04	✕	–	✕	–	✕	–	–	✕	·56	✕	·27		31
TOTAL	2·15	6·39	1·65	3·46	·61	4·37	1·31	2·13	5·70	7·71	7·82	4·71	Year's Total 48·01	
* Days with .01 in. or more.	16.	19.	12.	19.	6	20	12	9	18.	23	25	20	199	
* Days with .04 in. or more.	8.	16.	8.	17.	4	17	9	5	17	18	24	16.	159	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) John N Dwales [P.T.O.

COPY FOR OFFICIAL USE.

LOXLEY VALLEY

Section **A** for the entry of Daily Observations.

Station No. 3122/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Bradfield Filters.

in the County of Yorkshire.

Diameter of Funnel of Gauge ....in.

Height of top of Gauge above Ground ......ft. ......in. As before.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	-	.01	.15	.73	-	.02	.03	.28	.01	-	.06	.32		1
2	-	.04	.11	.13	-	.92	.05	.11	-	-	.02	.10		2
3	.03	-	.13	-	-	.26	-	.11	.45	-	-	.14		3
4	.07	.11	.09	.01	-	.15	-	.04	.08	.01	.32	.48		4
5	.14	.02	.30	-	-	-	-	.10	.29	-	-	.61		5
6	.07	-	.01	-	.02	.02	.16	.27	.58	-	.31	.01		6
7	.14	-	.04	-	-	-	.27	-	.87	.02	.18	.03		7
8	.18	-	.05	-	-	-	-	-	.01	-	.37	.04		8
9	.37	-	.14	-	.01	.01	.17	-	-	.12	.49	-		9
10	.15	-	-	-	-	-	.42	.03	.01	-	.32	-		10
11	-	-	.01	.05	-	.02	.13	.02	.12	-	.79	-		11
12	-	-	-	.29	.13	.80	.50	-	.40	-	.37	.04		12
13	-	-	-	.04	-	.14	.14	-	-	.09	.01	.88		13
14	-	-	-	.14	-	.23	.03	.02	.22	.01	.22	.54		14
15	.28	.09	.02	.15	.04	.06	.03	.02	.08	-	.61	.16		15
16	.14	.08	-	.10	-	-	.03	-	-	.02	.57	-		16
17	.08	.92	-	-	.08	-	.20	.01	-	.26	.10	.23		17
18	-	.10	-	-	-	.08	.25	.04	-	.45	-	.04		18
19	.82	.27	.02	.13	-	.19	.01	.40	-	.16	-	-		19
20	.30	.22	.02	-	-	-	-	-	.02	.02	-	-		20
21	.09	-	.06	.16	-	.03	-	-	-	-	-	-		21
22	.07	.45	.11	-	.07	.50	.16	-	-	-	-	-		22
23	-	-	.38	.11	.26	-	.50	-	-	.04	-	-		23
24	.27	.14	-	.08	.24	-	-	-	.18	.55	-	-		24
25	.14	.01	.04	.07	-	-	-	-	.41	.26	-	-		25
26	-	.20	.75	-	-	-	-	-	.13	.77	-	-		26
27	.40	-	.04	-	-	-	-	-	.10	.84	-	-		27
28	.32	.64	.18	-	-	-	.23	-	-	-	.01	.11		28
29	.19	.52	.50	-	.02	.50	-	-	-	.04	.05	.13		29
30	.12	X	-	-	.95	-	.09	-	-	.67	.12	.04		30
31	-	X	.05	X	-	X	.01	-	X	-	X	.27	Year's Total	31
TOTAL	4.37 ✓	3.82 ✓	3.20 ✓	2.19 ✓	1.82 ✓	3.93	3.41 ✓	1.45 ✓	3.96 ✓	4.33 ✓	4.92 ✓	4.17 ✓	41.57	✓
* Days with .01 in. or more.	21 ✓	16 ✓	22 ✓	14 ✓	10	16 ✓	20 ✓	13	17 ✓	17 ✓	18 ✓	18 ✓	202	✓
* Days with .04 in. or more.	20 ✓	13 ✓	17 ✓	13 ✓	7 ✓	11 ✓	14	8 ✓	13 ✓	12 ✓	15 ✓	16 ✓	159	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3122/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Loxley Valley (Bradfield Filters)

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 551 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·15	·11	·04	-	-	-	·01	-	·09	-	·03	·32		1
2	·34	·25	·06	·20	-	-	-	-	-	-	-	1·72		2
3	-	·08	·03	·09	·04	·04	-	-	-	-	-	·08		3
4	·37	·01	·09	·05	·05	-	-	-	-	-	-	·37		4
5	·96	-	·07	-	·03	-	-	-	-	-	-	·01		5
6	·39	-	·08	·06	·11	-	·90	·09	-	-	·10	·25		6
7	·09	·75	-	·42	·08	·13	-	-	·02	-	·04	-		7
8	-	·38	·02	·10	-	-	·02	-	-	-	·15	·16		8
9	-	·47	-	·03	·36	-	·58	·03	-	-	-	·01		9
10	·03	·24	·04	·01	-	·07	-	-	-	-	·02	·48		10
11	-	-	1·50	-	·82	-	-	-	-	-	-	·03		11
12	·16	·30	·13	-	·41	·08	-	·01	·27	-	-	·22		12
13	-	·03	-	-	·03	·13	-	·11	·10	-	-	·19		13
14	-	·02	·28	·02	-	-	-	·10	·11	-	-	·18		14
15	·26	·36	-	·25	-	-	1·11	-	·08	-	-	·02		15
16	·03	·58	·47	·52	·02	·07	-	·17	·22	-	-	·01		16
17	·32	·02	·33	·14	-	·02	-	-	·44	-	-	·01		17
18	1·26	·20	·23	-	-	-	·01	·08	-	-	·60	-		18
19	·01	·46	-	·07	-	·12	·11	-	-	-	·36	-		19
20	·29	·44	·08	·23	·67	·03	-	-	·01	-	-	·01		20
21	·08	·04	·02	-	-	-	·26	-	-	·01	-	·01		21
22	·03	-	·03	·01	·07	-	·04	-	-	·27	·38	·01		22
23	·42	-	·02	-	·06	-	·15	-	-	1·34	·51	-		23
24	·46	·62	·13	-	·11	-	·05	-	-	·61	-	·01		24
25	·10	·61	·08	-	-	-	-	-	·01	·47	-	·01		25
26	-	·39	·06	-	·41	-	-	·01	·01	-	-	·02		26
27	-	·27	·03	·21	-	-	-	-	-	·72	·01	·04		27
28	·01	·38	·01	-	-	·01	-	-	-	·02	-	-		28
29	·05		·01	-	-	-	-	-	-	·03	·02	·02		29
30	·48	✗	-	-	-	·06	-	·26	-	·05	·20	·05		30
31	·47	✗	-	✗	-	✗	-	-	✗	·22	✗	·03		31
TOTAL	6·76	7·01	3·84	2·41	3·27	·76	3·24	·86	1·36	3·74	2·42	4·27	Year's Total 39·94	✓
* Days with .01 in. or more.	23	23	24	16	15	11	11	9	11	10	12	26	191	✓
* Days with .04 in. or more.	18	19	16	12	12	8	8	6	7	7	8	12	133	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) John K Swales [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3122/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Loxley Valley, Bradfield Filters
in the County of W. R. Yorks
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 551 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHL

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	—	·09	-	-	-	·77	·12	-	-	·03	·16	·37		1
2	·07	·07	-	·24	·11	·28	—	-	-	·45	·08	·09		2
3	·05	-	-	-	-	·02	·08	-	·11	1·82	·19	·03		3
4	·06	-	-	-	-	·04	·17	·02	-	·42	·27	·42		4
5	-	-	-	·01	-	-	·15	·06	·03	·51	-	·06		5
6	·15	·02	-	-	-	·01	·43	·26	·01	·15	-	·02		6
7	·23	-	-	-	-	-	·24	·04	·53	·16	-	·04		7
8	·46	-	-	-	-	-	·40	—	-	·69	-	·10		8
9	·04	·41	-	-	-	·18	·02	·12	-	·06	-	·39		9
10	-	·09	-	-	-	·03	·62	-	-	·08	·01	·11		10
11	·31	·04	-	-	-	-	·06	—	-	·12	·07	·10		11
12	·14	-	-	-	·07	-	·01	·04	-	·97	·16	-		12
13	·09	·04	-	-	-	—	-	-	·03	·48	·24	·30		13
14	·39	·02	-	-	·02	-	·33	-	·20	·01	·01	-		14
15	·90	-	-	-	-	-	·30	·06	-	·04	-	·47		15
16	·31	—	·04	-	·01	-	·30	·08	-	·02	·19	·29		16
17	-	·03	-	-	·19	-	·12	·02	·07	·14	-	·07		17
18	·04	-	-	-	·13	-	-	·17	·08	·25	·30	-		18
19	-	·01	-	-	-	-	-	·20	-	-	-	·13		19
20	·05	-	-	-	-	-	-	-	·04	-	·39	·07		20
21	-	-	-	-	-	-	-	·03	·03	-	·01	·17		21
22	-	-	-	·01	-	·18	-	-	-	-	·39	·19		22
23	-	-	-	-	·09	·04	-	-	·35	-	·82	-		23
24	·03	·01	·18	-	·02	·02	-	·18	·09	-	·23	·01		24
25	·30	·19	·05	-	-	-	-	·05	-	·24	·86	·03	61	25
26	·06	·93	·02	-	-	·03	-	—	·19	·26	·08	·01		26
27	·24	·20	-	-	·20	·54	·19	·41	·03	-	·52	·		27
28	·58	·10	·02	-	·51	·31	·13	·35	·18	-	-	·05		28
29	·12		·19	·06	1·02	·02	·08	—	-	·03	·19	·14		29
30	·27		-	-	·16	·04	-	—	·57	~~·00~~	·26	·04		30
31	·37		-		·35		-	—		·49		·75		31
TOTAL	5·26	2·25	·50	·32	2·88	2·51	3·75	2·09	2·54	7·42	5·43	4·41	Year's Total 39·36	
* Days with .01 in. or more.	23	15	6	4	13	15	18	16	16	22	21	26	195	
* Days with .04 in. or more.	22	10	4	2	10	9	16	13	11	18	18	21	154	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) [P.T.O.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3122/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

Kept at Loxley Valley, Bradfield Filters.
in the County of W. R. Yorks.
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 551 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·07	-	·11	·09	-	-	·08	·20	·01	·08	-	·19		1
2	·12	-	-	·15	-	-	·11	·14	·94	·10	·10	·20		2
3	·21	-	-	·32	-	-	-	·71	-	-	·26	·41		3
4	·24	-	·25	·62	-	-	·14	·13	-	·21	·09	1·11		4
5	-	-	·01	-	·24	-	·13	·41	-	·41	·40	·15		5
6	·47	-	·01	-	-	-	·62	-	-	·04	·27	·		6
7	·13	·23	·27	-	-	-	·04	-	-	·02	·38	·21		7
8	·27	·21	·37	-	-	-	·23	·01	-	·04	·52	·27		8
9	·08	·36	-	-	-	-	·02	·20	-	·75	·01	·41		9
10	·64	-	·03	-	-	·	-	·10	·12	·06	-	·		10
11	·09	·04	·15	-	·02	·24	-	·04	·01	·01	·	·02		11
12	·28	·28	-	-	·03	·08	-	-	-	-	·	·01		12
13	-	-	-	·08	·04	·11	·04	-	-	·14	·05	·		13
14	·71	-	·03	·12	·40	·13	·76	-	-	·43	·20	·		14
15	·19	-	·02	·15	·24	·43	·23	-	-	-	·06	·		15
16	·02	·02	·16	-	1·20	-	·42	-	·02	-	·16	·		16
17	·96	·16	·05	·42	·13	·03	-	-	-	1·23	·03	·		17
18	·30	·13	·01	-	-	·24	·14	-	·04	·01	1·17	·		18
19	·25	·01	-	-	-	·23	·71	-	·13	-	-	·02		19
20	-	-	·	-	-	·18	·72	·40	·30	-	·	·		20
21	·12	·17	·43	·10	·04	·23	·37	-	·31	-	-	·		21
22	·29	·56	·16	-	-	-	·04	-	·03	·02	·35	·		22
23	·08	·16	·02	·22	-	·02	·08	-	-	·19	·25	·01		23
24	·03	·02	·03	·08	-	·03	·20	·01	-	-	·	·		24
25	·66	·20	-	·01	-	·01	-	·28	-	-	1·45	·		25
26	·06	·05	·01	·09	-	-	-	·	-	·06	·43	·06		26
27	·02	·26	·74	-	-	·16	·05	-	-	·28	·32	·		27
28	·05	·16	·48	·11	-	·15	·24	·05	-	·	·39	·		28
29	-	✕	·05	·13	-	-	2·01	·	-	·32	·30	·		29
30	-	✕	-	-	·	·04	·02	-	·	-	·24	·		30
31	-	✕	-	✕	-	✕	·23	·05	✕	·12	✕	·		31
TOTAL	6·34	3·02	3·39	2·67	2·34	2·31	7·63	2·73	1·91	4·52	7·43	3·07	Year's Total 47·36	
* Days with .01 in. or more.	25	17	21	15	9	16	24	14	10	20	22	13	206	
* Days with .04 in. or more.	22	14	12	14	7	12	22	12	6	16	20	9	166	

† Spare column, no entries required.

(Signed) ....

P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3122/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1930.

Kept at Loxley Valley, Bradfield Filters

in the County of W. R. Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 551 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·	·17	·	·09	·	·	·	·	·	·	·47	·06		1
2	·	·05	·	·28	·	·	·03	·	·	·	·72	·08		2
3	·	·30	·	·11	·	·	·04	·	·	·13	·05	·03		3
4	·	·13	·01	·10	·	·	·01	·	·	·25	·30	·12		4
5	·	·01	·	·	·05	·	·05	·	·	·38	·25	·60		5
6	05	20	·	·	·	·	·	·	·	1·00	·08	·21		6
7	02	·17	·	·27	·22	·	·	·07	·10	·	·	-		7
8	·	·	·	·07	·	·	·01	·01	·09	·28	·	·18		8
9	·	·	·15	·	·	·	·08	·07	·10	·25	·78	·26		9
10	·	·	·	·	·	·	·59	·11	·02	·	·75	·80		10
11	·	09	·05	·02	·	·	·20	·	·	·	1·35	-		11
12	·	01	·35	·	·	·	·05	·	·29	·	·95	-		12
13	·	04	·48	·	·	·	·	·02	·57	·	·02	·		13
14	·	·	·02	·42	12	·	·04	·01	·	·03	·04	·41		14
15	·	·	·09	·03	·03	·	·	·	·	·02	·24	·04		15
16	12	32	·12	·	·	·	·33	·	·54	·69	·67	·05		16
17	·	·01	·53	·	·	·	·27	·	·10	·	·37	-		17
18	09	·30	·09	1·25	·	·	·02	·	·15	·04	·06	·15		18
19	·	·19	·24	·20	·	·	·42	·01	·21	·08	·22	·		19
20	·	(·10)	·02	·40	·	·01	·16	·20	·01	·07	·18	·		20
21	05	·	·11	·	·	·30	·14	·01	·	·04	1·43	-		21
22	·	·02	·02	·	·16	·11	·	·	·16	·02	·	·07		22
23	·	·13	·10	·03	·06	·08	·01	·	·02	·06	·17	·02		23
24	·20	·	·	·04	·	·	·07	·	·01	·05	·	·09		24
25	·11	·	·	·01	·	·02	·	·	·	·07	·	·01		25
26	·72	·03	·	·	·02	·05	·38	·03	·	·08	·04	-		26
27	1·40	·13	·	·	·	·	·02	·03	·03	·01	·09	-		27
28	·69	·52	·	·	·31	·	·	·02	·	·	·	·		28
29	·11	·	·16	·07	·06	·02	·	·	·	·01	·	·15		29
30	·28	✕	·	·32	·	·	·	·	·	·25	·	·25		30
31	·19	✕	·32	✕	·	✕	·	·	✕	·97	✕	·42		31
													Year's Total	
TOTAL	(4·03)	(2·92)	2·86	3·71	1·03	·59	2·92	·59	2·40	4·78	9·23	4·00	39·06	
* Days with .01 in. or more.	13	20	17	17	9	7	20	12	15	22	22	20	194	
* Days with .04 in. or more.	12	15	13	13	7	4	14	4	10	17	21	17	147	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*)

[P.T.O.

3123

LOXLEY VALLEY, DALE DIKE RES.

1931 —— 40

780507

FORM 1090. **B**

oxley Valley:

3123

*** The following register of mo
&c., is NOT required if dail
values are given on the othe

n and also the space for

register should be sent:—
eral Manager & Engineer
ffield

RAINFALL IN 19

At Dale Dike Reserv
In the County of Yorksh

n ..... in Summer 9 a.m

Rain Gauge
Diameter of Funnel 8
Height of Top above Ground 1
Height of Ground above Sea Leve

ce ..... Direction from gauge .....
e
~~ce~~ ..... Direction from gauge .....

Month.	Total Depth.	Greatest Fall in 24 hours.		*	*
	Inches.	Inches.	Date.		
JAN.	6·49	✓			
FEB.	5·18	✓			
MAR.	·35	✓			
APRIL	5·88	✓			
MAY	3·10	✓			
JUNE	5·06	✓			
JULY	4·78	✓			
AUG.	6·98	✓			
SEPT.	5·65	✓			
OCT.	1·63	✓			
NOV.	5·36	✓			
DEC.	1·97	✓			
Total	52·43	✓			

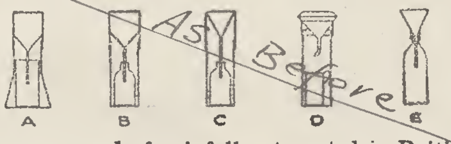
Wall
4½ ft
36yds
Direction from gauge .. SE ..... E. SE.

If gauge has been moved during the year state—

Date of move Jan: 1: 1931. Distance 32 yds Direction S.

~~Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)~~

~~If the gauge is of a self-registering or self-recording type please give particulars.~~



~~**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—~~

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Signature John V. Swales

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(269) Wt.5244/391/474 14,000 6/30. Gp. 119/110.

oxley Valley:

3123

FORM 1090.

B Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Dale Dike Reservoir

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel 8 in.
- *Height of Top above Ground* 1 *ft* 0 *in.*
- *Height of Ground above Sea Level* 710 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6·49	✓			
FEB.	5·18	✓			
MAR.	·35	✓			
APRIL	5·88	✓			
MAY	3·10	✓			
JUNE	5·06	✓			
JULY	4·78	✓			
AUG.	6·98	✓			
SEPT.	5·65	✓			
OCT.	1·63	✓			
NOV.	5·36	✓			
DEC.	1·97	✓			
Total	52·43	✓			

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

John K. Swales M. Inst. C.E. General Manager & Engineer
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station ~~.......... Distance .... Direction from gauge ....~~

Nearest Parish Church at ~~.......... Distance .... Direction from gauge ....~~

As Before

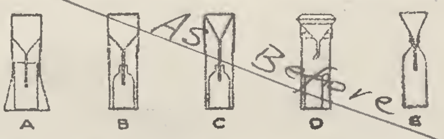
Nature of objects nearest to gauge	Top waterline Dale Dike Reservoir		Wall	
Heights of objects	0		4½ ft	
Distances ..	16 yds		36 yds	
Directions from gauge ..	S·E		·E·SE·	

If gauge has been moved during the year state—

Date of move Jan: 1: 1931. Distance 32 yds Direction S.

~~Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)~~

~~If the gauge is of a self-registering or self-recording type please give particulars.~~



As Before

~~**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—~~

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(269) Wt.5244/391/474 14,000 6/30. Gp. 119/110.

COPY FOR OFFICIAL USE. Loxley Valley

Station No. 3123

Section A for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Dale Dike Reservoir

in the County of Yorkshire

~~Diameter of Funnel of Gauge~~ as 13 efore ~~in.~~

~~Height of top of Gauge above Ground ft. in.~~

~~,, Ground ,, Sea Level ft.~~

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·47	·05	–	·28	·61	·02	·08	·03	·32	·25	·06	·03	1
2	·42	–	–	–	·45	–	–	·03	·49	·29	·11	·32	2
3	·06	–	–	·37	·02	–	·36	–	·03	·01	·02	·57	3
4	·03	·01	–	·10	–	·01	–	–	–	–	·14	–	4
5	·63	–	·21	·22	·04	–	–	–	·04	–	–	·01	5
6	1·10	–	·14	1·13	·02	–	·05	–	·05	·01	·01	–	6
7	·07	–	·82	·38	–	–	–	–	·35	·15	·03	–	7
8	–	·01	–	·21	·01	–	–	–	·08	·39	·01	·01	8
9	·17	·23	–	·22	·05	–	–	–	–	–	–	·02	9
10	·38	·05	·01	·15	·02	–	–	–	·41	·30	–	·18	10
11	·10	·13	·01	·10	·36	·18	·36	–	·06	·06	·05	–	11
12	·23	–	–	·01	·12	·05	·41	–	·01	·27	·06	–	12
13	·05	·15	–	·14	·06	–	1·57	·02	·19	1·05	·07	·08	13
14	·09	·01	–	·20	–	–	·56	·07	·01	·05	·21	–	14
15	–	–	–	·01	·19	–	–	–	–	·07	·01	·07	15
16	·33	–	·01	·35	·01	–	·07	–	·01	·10	–	·01	16
17	–	–	–	–	·02	–	·09	–	·03	·79	–	–	17
18	–	–	–	–	·01	–	–	–	·02	–	·02	–	18
19	–	·01	·01	·15	–	–	–	·01	–	·27	–	–	19
20	–	–	–	·17	·56	–	·03	·80	·01	·21	·04	–	20
21	–	–	·20	·10	2·09	–	·01	·91	–	·60	·05	·10	21
22	–	–	·21	·12	·47	–	·09	–	·27	·14	·86	·03	22
23	–	·03	–	·24	·07	–	·04	–	–	·22	·40	·05	23
24	·02	–	–	·02	–	·01	·11	–	·10	–	·24	·03	24
25	·01	·06	–	·04	·03	·01	·03	·01	·05	·50	·11	·01	25
26	–	·02	–	·19	·40	–	·16	–	·04	·33	·56	–	26
27	–	–	·41	·14	·41	·03	·16	–	–	·01	·29	–	27
28	–	·01	·15	·12	·15	–	·23	·11	·01	–	–	·04	28
29	·01	–	·32	·13	·26	·03	·07	·05	·22	·84	·19	·12	29
30	·01	✕	·20	·03	·36	·54	·03	·05	·04	·15	·23	·18	30
31	–	✕	·14	✕	·02	✕	·16	–	✕	–	✕	·10	31
TOTAL	4·18	·77	2·84	5·32	6·81	·88	4·67	2·09	2·84	7·06	3·77	1·96	YEAR'S TOTAL 43·19
*Days with ·01 in. or more.	18	13	14	27	26	9	21	11	23	24	23	19	228
*Days with ·04 in. or more.	13	6	10	23	17	3	17	6	15	21	17	11	159

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*)

[P.T.O.

Loxley Valley.

COPY FOR OFFICIAL USE.

Sect **A** for the entry of Daily Observations.

Station No.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

3123

Kept at Dale Dike (Glaisher)

in the County of Yorkshire

Diameter of Funnel of Gauge As before in.

Height of top of Gauge above Ground in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·21	·58	·07	-	-	-	-	-	·01	·04	·24	-		1
2	·33	-	·39	·01	-	-	-	-	-	·02	·18	-		2
3	·01	·27	·16	-	·30	-	-	-	-	-	·11	-		3
4	·14	·09	·13	-	·18	-	-	-	-	-	·01	-		4
5	·21	·22	·21	-	·13	-	-	-	-	-	-	-		5
6	·03	·12	·06	-	·45	-	-	-	-	-	-	·10		6
7	·13	·11	·03	-	·13	-	·18	·01	-	1·22	-	·06		7
8	·21	·06	·08	·01	·02	-	·52	-	-	-	-	·03		8
9	-	·38	-	·09	·02	-	·34	-	-	·55	·05	·02		9
10	·05	·18	-	-	-	·07	·08	-	-	1·40	·06	-		10
11	-	·01	·01	-	·03	-	·16	-	-	·32	-	-		11
12	·01	-	-	-	-	·12	·11	-	-	·03	·01	·07		12
13	-	-	·02	-	·34	·05	·21	·01	·07	·05	·10	-		13
14	·10	-	·01	-	·15	-	·01	·06	-	·07	·44	-		14
15	·91	-	·02	-	-	-	·12	·09	-	·49	1·03	·12		15
16	·35	-	·33	·11	·06	·20	·66	·02	-	·20	·03	-		16
17	·07	-	·81	-		·41	-	·04	·06	-	·25	-		17
18	·02	·08	·25	-	-	·56	-	-	-	-	·10	-		18
19	-	·03	·65	-	-	·05	-	-	·16	-	·02	·01		19
20	-	·01	-	-	·02	-	-	·21	-	-	·02	-		20
21	-	-	-	-	-	·10	-	·29	·07	·04	·02	·02		21
22	-	·01	-	-	-	·37	-	·18	-	·32	-	-		22
23	-	·04	-	·22	-	-	-	-	·27	·03	-	-		23
24	-	1·00	-	·21	·07	·34	-	-	·90	·05	·01	-		24
25	-	2·38	-	·15	·01	·02	-	-	·16	-	·03	·06		25
26	-	1·17	-	·34	-	-	-	-	·03	·32	·04	·02		26
27	-	·06	-	-	·13	-	-	-	·11	·13	-	-		27
28	-	·01	-	·08	-	-	·13	-	·03	·22	-	-		28
29	-		-	·23	-	-	·01	-	-	·06	-	·03		29
30	·06	×	·09	·01	-	-	·08	-	-	·14	-	·24		30
31	·17	×	·04	×	-	×	·34	·01	×	·18	×	-		31
TOTAL	3·01	6·81	3·36	1·46	2·04	2·29	2·95	·92	1·87	5·88	2·75	·78	Year's Total 34·12	
*Days with ·01 in. or more.	17	20	18	11	15	11	14	10	11	21	19	12	179	
*Days with ·04 in. or more.	13	15	13	8	10	10	12	6	8	18	11	6	130	

40-9999

*See Instruction 2 (*f*) on other side.

D

† Spare column, no entries required.

(*Signed*) John K Swales

[P.T.O.

Loxley Valley

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 7.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934 3123

Kept at DaleDike (Glaisher, 8")

in the County of Yorkshire

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

,, Ground ,, Sea Level .... ft.

as Before

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·06	–	·01	·01	–	–	–	·14	–	·04	–	·40		1
2	–	–	·14	–	–	–	–	·33	·51	–	·15	·29		2
3	·04	·05	–	–	–	–	–	·02	·03	·12	·04	·02		3
4	·09	–	·35	·21	·02	–	–	·01	·17	·65	–	·82		4
5	–	–	·29	·02	·18	–	–	·44	–	·42	·24	·09		5
6	–	–	·23	–	·44	·03	–	·19	–	·32	–	·61		6
7	·13	·03	·14	–	·02	–	–	–	–	·12	·07	·21		7
8	–	–	·02	–	·10	·10	–	·06	·02	·09	·43	·06		8
9	–	·01	·37	·12	–	–	–	·08	–	–	·93	·20		9
10	–	–	·47	·36	–	–	–	·16	–	·27	·13	–		10
11	·47	–	·22	·42	–	–	–	·08	–	–	·02	·37		11
12	·01	·01	·24	·04	–	–	·70	·04	–	–	·01	·07		12
13	·57	–	·05	·04	·06	–	·10	·05	–	·14	–	·01		13
14	·28	–	·46	–	·10	·04	–	–	–	·56	·30	·28		14
15	·70	–	·30	–	·48	–	·01	·02	·10	·05	·18	·12		15
16	·43	–	·21	–	·29	–	–	–	–	·01	·09	·07		16
17	·44	–	·26	–	·21	–	·44	–	·38	·05	·01	·14		17
18	·22	–	·46	·13	·04	·06	–	·01	–	–	–	·09		18
19	–	·01	·26	·06	·07	·13	–	–	·12	·02	·01	·01		19
20	–	–	·05	·05	·13	–	–	·04	·04	·01	–	–		20
21	·02	–	·01	–	·02	·50	–	·02	·07	·08	–	·01		21
22	·01	–	·01	–	·02	–	–	·07	·88	·12	–	·02		22
23	–	–	·96	·35	·01	·02	·62	–	–	·09	·04	·10		23
24	–	·08	·08	·17	–	·09	–	–	·16	·09	–	·06		24
25	·11	–	–	·04	·06	–	·29	–	·14	·24	–	·56		25
26	·46	–	–	·06	–	·01	·29	–	·20	·02	·10	·04		26
27	–	·22	–	·90	–	·20	·32	–	·05	·44	·02	·32		27
28	–	–	–	·23	–	·15	·15	·09	–	·43	–	·37		28
29	–		·05	–	–	–	·01	·07	·45	·03	–	·22		29
30	·10	×	–	–	–	–	·06	–	·03	·24	–	·10		30
31	·02	×	–	×	–	×	·03	·02	×	·07	×	·03	Year's Total.	31
TOTAL	4·16	·41	4·74	3·21	2·25	1·33	3·02	1·94	3·35	4·72	2·77	5·69	37·59	
* Days with .01 in. or more.	18	7	24	17	17	11	12	20	16	26	17	29	214	
* Days with .04 in. or more.	14	3	20	15	12	8	9	14	13	21	12	23	164	

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(Signed) ....

P.T.O.

COPY FOR OFFICIAL USE. Loxley Valley

Section 1 **A** for the entry of Daily Observations. Station No. 7 3123

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Dale Dike Reservoir, Loxley Valley

in the County of Yorkshire

Diameter of Funnel of Gauge............in. As Before

Height of top of Gauge above Ground............in.

,, Ground ,, Sea Level............ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.32	.20	.15	.11	–	.02	.03	–	.13	.20	.15	.81		1
2	–	.18	.03	.02	–	.12	–	.02	.02	.28	.11	.50		2
3	.03	.70	.10	.12	–	.06	.21	.02	–	.03	.24	.10		3
4	–	.01	.02	.02	–	.10	.14	–	.07	1.11	–	.04		4
5	.01	.25	.11	.36	–	.16	.07	–	.02	.05	.07	.06		5
6	.06	–	–	.15	–	.23	–	–	–	–	–	–		6
7	.03	.01	–	.08	–	.15	–	–	–	.13	.43	.27		7
8	–	–	.03	.13	.01	.36	–	.36	–	.04	.11	.69		8
9	–	–	.01	.25	–	.16	–	–	–	1.19	.17	.04		9
10	–	–	.01	.31	–	.03	–	–	–	.30	.18	–		10
11	.64	.07	–	.01	–	.10	–	.03	–	.13	.21	.13		11
12	.01	.15	–	–	–	.22	–	–	.13	–	–	–		12
13	.04	.17	–	.09	.41	.04	–	–	.36	.08	.02	–		13
14	–	.01	–	.06	.15	.01	–	–	.10	–	.80	.12		14
15	–	1.39	–	.47	.11	1.06	.10	–	.18	.01	.20	.36		15
16	–	1.23	.18	.18	–	.23	.09	.01	.87	.04	.72	.02		16
17	–	.11	–	.35	.02	.40	.20	–	.41	.03	.98	–		17
18	.04	.02	–	.21	.03	.16	.37	.08	.42	.34	.18	.01		18
19	.03	.01	–	.27	–	.20	.13	–	–	.37	.36	–		19
20	.02	.31	–	.50	–	.12	.03	–	–	–	1.08	–		20
21	–	.73	.01	.07	–	–	–	–	.65	.10	.31	.16		21
22	–	.07	.14	–	–	–	–	–	.01	–	.11	.01		22
23	–	.02	.88	.02	–	–	–	.82	.07	.28	–	–		23
24	.80	.80	–	–	–	–	–	–	1.21	.02	–	.39		24
25	.22	.20	.06	–	–	.39	–	–	–	–	.05	.14		25
26	.04	.03	–	–	–	–	.04	.77	.29	.59	.23	.30		26
27	.03	.17	–	–	.01	–	.29	–	.40	1.09	.22	.39		27
28	.04	–	–	–	–	–	–	.03	.06	.30	.09	.13		28
29	.01		.06	–	–	–	–	–	.22	.43	.14	.22		29
30	.06		–	.01	–	.01	–	.14	.26	.57	.72	.12		30
31	.10		–		–		–	–		.54		.27		31
													Year's Total	
TOTAL	2.53	6.84	1.79	3.79	.74	4.33	1.70	2.28	5.88	8.25	7.88	5.28	51.29	
* Days with .01 in. or more.	19	23	14	22	7	22	12	10	20	25	25	23	222	
* Days with .04 in. or more.	11	16	8	17	3	18	10	5	17	21	24	20	170	

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(Signed) John Iswales [P.T.O.

COPY FOR OFFICIAL USE.

LOXLEY VALLEY

Station No. 4 3123

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Dale Dike Reservoir.

in the County of Yorkshire.

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground.......ft.......in. As before.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	.02	.19	.65	-	-	.02	.31	.02	-	.09	.41		1
2	.02	.05	.12	.09	-	.81	.09	.14	.02	-	.02	.21		2
3	.05	.04	.13	-	-	.25	-	.17	.46	-	-	.20		3
4	.07	.10	.09	.02	-	.20	-	.10	.16	.02	.38	.48		4
5	.14	.03	.39	-	.01	-	-	.13	.44	.03	-	.71		5
6	.03	-	-	-	.01	.03	.15	.27	.60	-	.30	-		6
7	.19	-	.04	-	.01	-	.27	-	1.09	.03	.14	.07		7
8	.17	-	.06	-	-	-	.01	-	.05	-	.37	.06		8
9	.34	.03	.16	-	.02	.03	.16	-	-	.07	.59	-		9
10	.15	-	.01	.01	-	-	.56	.07	.04	-	.35	-		10
11	-	-	.01	.06	-	.03	.24	-	.25	-	.74	-		11
12	-	-	-	.38	.12	.80	.56	-	.51	.01	.48	.05		12
13	.01	-	-	.04	-	.17	.29	-	-	.12	.02	.68		13
14	-	-	-	.16	-	.19	.03	.02	.23	.05	.32	.47		14
15	.26	.11	.01	.10	.13	.05	.05	.03	.22	-	.64	.12		15
16	.16	.08	-	.10	-	-	.04	-	-	.05	.62	.01		16
17	.10	.87	-	-	.10	-	.18	.02	-	.29	.14	.23		17
18	-	.15	-	.02	-	.06	.29	.05	-	.47	.01	.03		18
19	.97	.34	.03	.13	-	.18	.06	.46	-	.21	-	-		19
20	.27	.21	-	-	-	.01	-	.01	.02	.04	-	.01		20
21	.11	-	.07	.16	-	.05	-	-	-	.02	-	-		21
22	.07	.44	.13	.01	.07	.31	.19	-	-	-	-	.01		22
23	.01	.01	.45	.14	.24	-	.40	-	.01	.05	.01	-		23
24	.27	.13	-	.08	.28	-	-	-	.18	.59	.01	.02		24
25	.14	-	.07	.08	.01	.01	.03	-	.44	.31	-	-		25
26	.02	.25	.86	-	.01	-	-	-	.06	.87	-	-		26
27	.44	-	.02	-	-	-	-	-	.14	1.03	-	-		27
28	.26	.68	.11	-	-	-	.25	-	.02	-	.02	.13		28
29	.19	.65	.55	-	.02	.62	-	-	-	.08	.08	.13		29
30	.14	X	.01	-	1.16	.01	.14	.01	-	.70	.16	.04		30
31	.01	X	.07	X	-	X	.02	-	X	.03	X	.27	Year's Total	31
TOTAL	4.59 ✓	4.19 ✓	3.58 ✓	2.23 ✓	2.19 ✓	3.81 ✓	4.03 ✓	1.79 ✓	4.96 ✓	5.07 ✓	5.49 ✓	4.34 ✓	46.27	✓
* Days with .01 in. or more.	26 ✓	18 ✓	22 ✓	17 ✓	14 ✓	18 ✓	22 ✓	14 ✓	20 ✓	21 ✓	21 ✓	21 ✓	234	✓
* Days with .04 in. or more.	20 ✓	14 ✓	16 ✓	13 ✓	7 ✓	12 ✓	17 ✓	9 ✓	15 ✓	15 ✓	14 ✓	16 ✓	168	✓

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) ....

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3123

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at ~~Loxley~~ V. (Dale Dike Res.)

in the County of Yorks

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 715 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·15	·15	·09	–	–	–	·03	–	·13	–	·04	·36		1
2	·36	·27	·07	·21	–	–	·01	–	–	–	–	1·89		2
3	–	·11	·03	·09	·04	·11	–	–	–	–	–	·11		3
4	·48	·02	·08	·06	·08	–	–	–	–	–	–	·34		4
5	1·05	–	·09	–	·04	–	·01	–	–	–	–	·02		5
6	·40	–	·09	·08	·07	–	·76	·18	–	–	·09	·23		6
7	·12	·08	–	·54	·11	·11	–	–	·05	–	·06	·02		7
8	–	·41	·03	·08	·01	·01	·03	–	–	–	·16	·18		8
9	·01	·53	–	·04	·40	–	·73	·05	–	–	–	·02		9
10	·04	·31	·04	·01	–	·07	–	–	–	–	·05	·36		10
11	–	–	1·45	·01	·89	–	–	–	–	–	–	·06		11
12	·17	·27	·15	–	·44	·09	·03	·02	·26	–	–	·20		12
13	–	·06	·02	–	·05	·14	–	·11	·09	–	–	·18		13
14	–	·04	·25	·03	–	·01	–	·13	·13	–	–	·20		14
15	·22	·41	·02	·25	–	–	1·10	–	·08	–	–	·05		15
16	·10	·61	·41	·61	·04	·12	–	·26	·22	–	–	·02		16
17	·25	·03	·36	·20	–	·06	–	·01	·44	–	–	·01		17
18	1·33	·27	·25	·04	–	·01	·04	·09	–	–	·52	–		18
19	·03	·67	·01	·09	–	·10	·12	·03	–	–	·53	–		19
20	·26	·49	·06	·26	·69	·17	–	–	·03	–	–	·02		20
21	·07	·08	·03	·03	·01	–	·29	–	–	·01	–	·02		21
22	·03	–	·04	·04	·11	–	·07	–	–	·29	·33	·03		22
23	·40	–	·02	–	·09	–	·17	–	–	1·48	·43	–		23
24	·38	·56	·16	–	·12	–	·10	–	·01	·53	·01	·02		24
25	·10	·59	·09	–	–	–	–	–	·01	·45	–	·02		25
26	–	·36	·10	–	·44	–	–	·02	·01	–	–	·03		26
27	–	·41	·02	·22	–	–	–	–	–	·78	·01	·05		27
28	·01	·60	·01	–	–	·03	–	–	–	·04	–	·01		28
29	·06		·01	–	–	·01	–	–	–	·05	·04	·02		29
30	·50	☒	–	–	–	·14	–	·35	–	·05	·23	·07		30
31	·42	☒	–	☒	–	☒	–	–	☒	·22	☒	·05		31
TOTAL	6·94	7·93	3·98	2·88	3·63	1·18	3·49	1·25	1·46	3·90	2·50	4·59	Year's Total 43·73	
* Days with .01 in. or more.	24	23	27	18	17	15	14	11	12	10	13	28	212	
* Days with .04 in. or more.	20	21	17	15	15	10	9	7	8	9	11	15	157	

† Spare column, no entries required.

*See Instruction 3 (f) on other side.

(*Signed*) John N. Swales [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3123

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Loxley Valley, Dale Dike Res.

in the County of W. R. Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 715 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·01	·10	-	-	·03	·85	·48	-	-	·03	·10	·36		1
2	·06	·13	-	·30	·11	·39	-	-	-	·43	·21	·11		2
3	·04	-	-	-	-	·02	·11	-	·13	1·88	·20	·04		3
4	·06	-	-	-	-	·05	·16	·20	-	·48	·34	·44		4
5	-	·01	-	·02	-	-	·10	·10	·01	·59	·02	·07		5
6	·15	·03	-	-	-	·02	·42	·25	·03	·17	-	·04		6
7	·30	-	-	-	-	-	·26	·05	·60	·21	-	·03		7
8	·46	-	-	-	-	-	·46	-	-	·69	-	·14		8
9	·06	·49	·05	-	-	·28	·06	·22	·01	·09	-	·34		9
10	·02	·15	-	-	-	·06	·78	·01	·01	·10	·02	·10		10
11	·30	·07	-	-	-	-	·09	·01	-	·15	·07	·09		11
12	·15	-	-	-	·07	-	·01	·11	-	1·03	·17	-		12
13	·10	·04	-	-	-	-	-	·02	·10	·56	·20	·33		13
14	·28	·01	-	-	·03	-	·23	-	·24	·02	-	·02		14
15	·86	-	-	-	-	-	·32	·10	-	·04	·02	·43		15
16	·34	-	·06	-	·02	-	·28	·10	-	·05	·18	·28		16
17	-	·03	-	-	·22	-	·15	·05	·10	·16	·01	·06		17
18	·07	·01	-	-	·16	-	-	·22	·12	·29	·32	-		18
19	-	·01	-	-	·01	-	-	·24	-	·	-	·15		19
20	·07	-	-	-	-	-	-	-	·05	·	·40	·10		20
21	·02	-	-	-	-	·09	-	·05	·06	·	·03	·33		21
22	-	·01	-	·02	-	·19	-	-	-	·	·41	·25		22
23	-	-	-	-	·12	·09	-	-	·41	·	·85	-		23
24	·05	·01	·25	-	·04	·04	-	·26	·10	·	·21	·02	92	24
25	·29	·18	·09	-	-	-	·02	·03	-	·26	·87	·06		25
26	·09	1·03	·07	-	-	·05	-	-	·22	·30	·12	·01		26
27	·27	·22	-	-	·13	·50	·19	·31	·04	·	·50	-		27
28	·63	·13	·06	-	·62	·35	·14	·42	·19	·	-	·06		28
29	·15		·33	·03	1·07	·03	·14	-	-	·04	·13	·22		29
30	·30	✕	-	-	·19	·06	-	-	·79	·	·25	·07		30
31	·35	✕	-	✕	·38	✕	-	-	✕	·58	✕	·88		31
TOTAL	5·48	2·66	·91	·37	3·20	3·06	4·40	2·75	3·21	8·15	5·63	5·03	Year's Total 44·79	
* Days with .01 in. or more.	26	18	7	4	15	16	19	19	18	22	23	27	214	
* Days with .04 in. or more.	23	10	7	1	11	12	17	15	14	20	18	23	171	

† Spare column, no entries required.

*See Instruction 3 (f) on other side.

(*Signed*) John K. Sewell [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3123

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Loxley Valley, Dale Dike Res.
in the County of W. R. Yorks.
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 715 ft.

TRAVELLING FORM:
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·04	-	·11	·07	-	-	·09	·26	·02	·13	-	·26		1
2	·13	-	-	·18	·01	-	·18	·23	·96	·10	·04	·22		2
3	·19	-	-	·32	-	-	-	·50	-	-	·23	·47		3
4	·27	-	·25	·52	-	-	·12	·14	-	·27	·08	1·31		4
5	-	-	·01	·01	·20	-	·10	·18	-	·47	·35	·22		5
6	·48	-	·03	-	-	-	·60	-	-	·04	·24	.		6
7	·19	·21	·30	-	.	-	·04	-	-	-	·37	·18		7
8	·27	·22	·40	-	.	-	·23	·04	-	·05	·50	·38		8
9	·09	·37	-	-	-	-	·03	·24	-	·73	·02	·47		9
10	·57	-	·03	-	-	·01	-	·15	·17	·05	.	.		10
11	·15	·08	·19	-	·02	·25	-	·05	·02	-	.	·03		11
12	·26	·32	-	-	·02	·10	-	.	-	.	.	.		12
13	·02	-	-	·08	·09	·12	·03	-	-	·13	·04	.		13
14	·71	-	·04	·11	·27	·16	·46	-	-	·43	·15	.		14
15	·17	·02	·03	·21	·27	·49	·18	-	·01	-	·09	·02		15
16	·03	·02	·17	·01	1·37	-	·32	-	·03	-	·14	.		16
17	·96	·18	·04	·47	·17	·01	-	-	-	1·02	·04	.		17
18	·37	·19	·03	-	.	·48	·23	-	·05	·01	1·29	.		18
19	·33	·03	-	-	-	·13	·69	-	·18	·02	-	·03		19
20	-	-	·01	.	-	·26	·59	·55	·31	.	-	.		20
21	·12	·19	·49	·12	-	·21	·12	-	·34	-	-	.		21
22	·30	·59	·23	-	-	-	·05	-	·06	·02	·34	.		22
23	·11	·18	·06	·35	-	·05	·10	-	-	·23	·24	.		23
24	·03	·02	·04	·10	-	·04	·18	·01	-	·01	.	.		24
25	·80	·20	·01	·02	-	·04	-	·27	-	-	1·53	·03		25
26	·09	·11	-	·03	-	-	-	·01	-	·09	·46	·04		26
27	·04	·24	·75	·02	-	·14	·08	-	-	·27	·40	·01		27
28	·05	·16	·46	·12	-	·21	·28	·10	-	-	·49	.		28
29	-	×	·06	·11	-	-	1·83	-	-	·32	·42	.		29
30	-		-	-	-	·06	·04	-	-	-	·24	.		30
31	-		·01		-		·30	·05		·16				31
TOTAL	6·77	3·33	3·75	2·85	2·42	2·76	6·87	2·78	2·15	4·55	7·82	3·70	Year's Total 49·75	
* Days with .01 in. or more.	26	18	23	18	9	17	24	15	11	20	22	14	217	
* Days with .04 in. or more.	23	14	15	13	6	15	22	13	7	16	21	9	174	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) ....

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3123 ✓

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40.

Kept at Loxley Valley. Dale Dike Res.

in the County of W. R. Yorks.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 715 ft.

TRAVELLING FORM
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·	·15	·	·10	·	·	·	·	·	·	·49	·10		1
2	·	·02	·	·30	·	·	·	·	·	·	·60	·12		2
3	·04	·32	·01	·15	·	·	·09	·	·	·14	·05	·04		3
4	·	·14		·13	·	·	·03	·	·	·32	·26	·16		4
5	·	·02	·	·	·07	·	·05	·	·	·40	·28	·74		5
6	·05	·21		·	·	·	·	·	·	·94	·08	·27		6
7	·08	·20	·	·33	·20	·	·	·06	·14	·	·	·01		7
8	·	·01	·	·11	·	·	·01	·01	·08	·20	·	·21		8
9	·	·	·15	·	·	·	·08	·10	·14	·25	·83	·36		9
10	·	·	·01	·	·	·	·52	·18	·04	·01	·90	·97		10
11	·	·08	·07	·05	·	·	·27	·	·	·	1·37	-		11
12	·	·06	·41	·	·	·	·04	·	·38	·	1·14	-		12
13	·	·09	·34	·02	·	·	·	·03	·62	·	·03	-		13
14	·	·01	·03	·45	·13	·	·09	·02	·01	·04	·06	·45		14
15	·	·	·09	·06	·04	·	·	·	·	·05	·25	·04		15
16	·17	·25	·12	·	·	·	·33	·	·68	·76	·69	·06		16
17	·	·02	·64	·	·	·	·35	·	·13	·01	·44	-		17
18	·08	·23	·09	1·27	·	·	·04	·04	·16	·05	·08	·19		18
19	·	·19	·29	·22	·	·02	·38	·	·29	·08	·25	·02		19
20	·	·09	·03	·35	·	·01	·20	·28	·02	·10	·19	·		20
21	·08	·	·13	·	·	·35	·18	·04	·	·07	1·41	-		21
22	·01	·01	·03	·	·16	·22	·	·02	·14	·03	·	·05		22
23	·	·16	·16	·03	·06	·10	·01	·	·04	·10	·16	·05		23
24	·24	·01	·	·05	·01	·	·07	·	·01	·10	·	·07		24
25	·11	·	·	·01	·	·05	·	·	·	·05	·	-		25
26	·42	·04	·	·	·02	·07	·36	·04	·01	·07	·04	-		26
27	1·40	·16	·	·	·	·	·04	·03	·07	·02	·11	-		27
28	·70	·54	·	·01	·28	·	·	·04	·	·	·	-		28
29	·12	·08	·18	·09	·23	·04	·	·	·01	·01	·	·22		29
30	·29	✕	·	·26	·	·	·	·	·	·24	·	·28		30
31	·20	✕	·18	✕	·	✕	·	·	✕	·88	✕	·32		31
TOTAL	(4·29)	3·09	2·96	3·99	1·20	·86	3·14	·89	2·97	4·92	9·71	4·73	Year's Total 42·75	
* Days with .01 in. or more.	15	24	18	19	10	8	19	13	18	24	22	21	211	
* Days with .04 in. or more.	14	17	13	15	8	6	16	8	13	19	21	19	169	

† Spare column, no entries required.

(Signed) John N. [illegible]

[P.T.O.

* See Instruction 3 (f) on other side.

FORM 1090. **B**

3123/1

3123/1

CROSLEY DALE DIKE

1931

780507

*** The following register of mo
&c., is NOT required if dail
values are given on the othe

h and also the space for

register should be sent:—

RAINFALL IN 19

At Dale Dike (Cro

In the County of

in Summer

Direction from gauge

Direction from gauge

Rain Gauge
Diameter of Funnel
Height of Top above Ground
Height of Ground above Sea Leve

Month.	Total Depth.	Greatest Fall in 24 hours.		*	*
	Inches.	Inches.	Date.		
JAN.	6.245				
FEB.	5.070				
MAR.	·350				
APRIL	5.785				
MAY	3.085				
JUNE	4.970				
JULY	4.765				
AUG.	6.895				
SEPT.	5.555				
OCT.	1.630				
NOV.	5.210				
DEC.	1.935				
Total	51.495	not recorded ?			

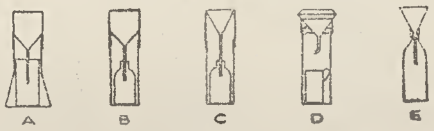
Directions from gauge ..

If gauge has been moved during the year state—

Date of move .... Distance 32 yds Direction S

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Gauge moved 32 yds S.

Signature Sheffield Corporation W.W.

Please mark [illegible] [illegible]

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B**

3123/1

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931

At Dale Dike (Crosley)

In the County of York W R

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft.* .... *in.*
Height of Ground above Sea Level 710 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6.245				
FEB.	5.070				
MAR.	.350				
APRIL	5.785				
MAY	3.085				
JUNE	4.970				
JULY	4.765				
AUG.	6.895				
SEPT.	5.555				
OCT.	1.630				
NOV.	5.210				
DEC.	1.935				
Total	51.495	not recorded			

Signature Sheffield Corporation W.W.

Please mark records of

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

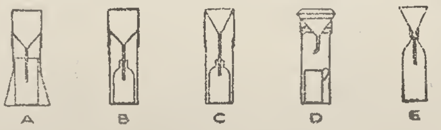
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance 32 yds Direction S

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Gauge moved 32 yds S.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3123/5

LOXLEY VALLEY, BRAGGING MOSS

1931 — 40

780507

3123/5

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FORM 1090. **B**

⁎ The following register of m
&c., is NOT required if da
values are given on the oth

on and also the space for

is register should be sent:—

RAINFALL IN 1

LOXLEY V
At (Bragging Moss)
In the County of Yor

Rain Gauge
Diameter of Funnel
Height of Top above Ground 1
Height of Ground above Sea Le

in Summer

nce Direction from gauge

nce Direction from gauge

Directions from gauge ..

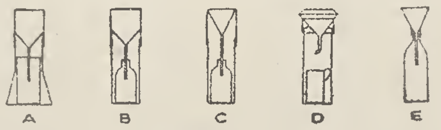
Month.	Total Depth.	Greatest Fall in 24 hours.			
	Inches.	Inches.	Date		
JAN.	8.90				
FEB.	6.88				
MAR.	·46				
APRIL	6.40				
MAY	3.10				
JUNE	5.60				
JULY	5.72				
AUG.	7.25				
SEPT.	6.30				
OCT.	2.40				
NOV.	6.50				
DEC.	3.10				
Total	62.61				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

NEW 5"

Signature Sheffield Corporation W.W.

OS map No 37. 2.8.

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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N

FORM 1090. **B**

3123/5
[illegible] 7

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At ~~Bragging Moss~~ LOXLEY V No 21
In the County of York.

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1360 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	8.90				
FEB.	6.88				
MAR.	.46				
APRIL	6.40				
MAY	3.10				
JUNE	5.60				
JULY	5.72				
AUG.	7.25				
SEPT.	6.30				
OCT.	2.40				
NOV.	6.50				
DEC.	3.10				
Total	62.61				

Signature Sheffield Corporation W.W.

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

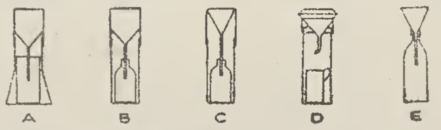
Nature of objects nearest to gauge	53 25 18			
Heights of objects	1 40 53			
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

NEW 5"

OS map No 37. 2.8.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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N

Loxley Valley 3123/5

FORM 1090.
1

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932

At Bragging Moss
In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft.* .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4.95				
FEB.	.92				
MAR.	3.42				
APRIL	6.85				
MAY	6.97				
JUNE	1.03				
JULY	4.85				
AUG.	2.36				
SEPT.	4.22				
OCT.	8.37				
NOV.	4.77				
DEC.	2.29				
Total	51.00	✓			

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales Esq. M.Inst.C.E. Engineer & Manager – Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter .... in Summer ....
Nearest Railway Station .... Distance .... Direction from gauge ....
Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

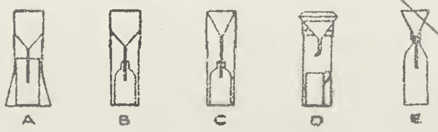
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Loxley Valley

3/23/5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933.

At Bragging Moss

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3.42				
FEB.	8.51				
MAR.	3.58				
APRIL	2.07				
MAY	2.36				
JUNE	2.72				
JULY	4.07				
AUG.	.95				
SEPT.	2.07				
OCT.	6.67				
NOV.	3.05				
DEC.	.78				
Total	40.25 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales. M. Inst. C.E. Engineer & Manager
Water Engineer. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

Loxley Valley

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193 4.

At Bragging Moss

In the County of Yorkshire

Rain Gauge
Diameter of Funnel As Before in.
Height of Top above Ground *in.*
Height of Ground above Sea Level *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·67				
FEB.	·47				
MAR.	4·52				
APRIL	3·73				
MAY	2·85				
JUNE	1·48				
JULY	2·65				
AUG.	2·90				
SEPT.	4·60				
OCT.	6·20				
NOV.	3·40				
DEC.	6·17				
Total	43·44 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station. No 7. 3123/5

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K Swales Esq M. Inst CE Engineer & Manager
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

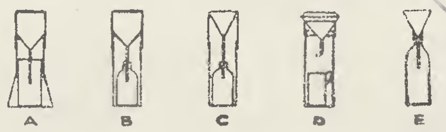
Nature of objects nearest to gauge	As Before			
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Loxley Valley

~~No 7~~. 3123/5

FORM 1090.

B Monthly Summary.

C Particulars of Station.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Brogging Moss. Loxley Valley
55 5

In the County of Yorkshire

Rain Gauge
Diameter of Funnel As Before in.
Height of Top above Ground in.
Height of Ground above Sea Level ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3·23				
FEB.	8·10				
MAR.	2·33				
APRIL	4·10				
MAY	·69				
JUNE	4·29				
JULY	2·32				
AUG.	2·33				
SEPT.	7·07				
OCT.	11·87				
NOV.	7·93				
DEC.	5·12				
Total	59·38				

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales M. Inst. C.E. Manager & Engineer
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

As Before

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and **B**.)
If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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LOXLEY VALLEY.

3123/5

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Brogging Moss,

In the County of Yorkshire.

Rain Gauge
- Diameter of Funnel..........in.
- *Height of Top above Ground......ft.......in.* As before.
- *Height of Ground above Sea Level..........ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5.41				
FEB.	5.00				
MAR.	4.20				
APRIL	2.37				
MAY	2.68				
JUNE	3.97				
JULY	5.17				
AUG.	2.48				
SEPT.	6.97				
OCT.	6.43				
NOV.	6.70				
DEC.	6.27				
	✓				
TOTAL	57.65				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.................. Distance.................. Direction from gauge..................

Nearest Parish Church at.................. Distance.................. Direction from gauge..................

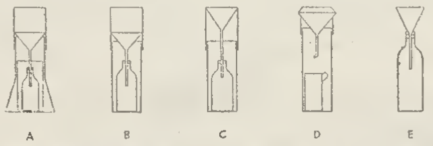
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Printed under the authority of His Majesty's Stationery Office by Wm. Hobbs & Sons, Ltd., Stone Street, Maidstone.
Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3123/5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Loxley V. (Brogging Moss)

In the County of Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1360 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	8·07				
FEB.	8·85				
MAR.	4·67				
APRIL	3·62				
MAY	3·87				
JUNE	1·72				
JULY	3·92				
AUG.	1·93				
SEPT.	1·75				
OCT.	3·97				
NOV.	2·43				
DEC.	5·14				
TOTAL	49·94				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C.E.
General Manager and Engineer,
Water Dept. Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

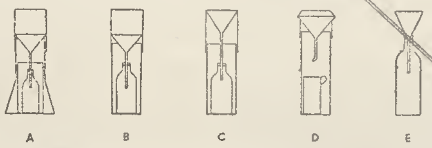
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3123/5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Loxley Valley, Broggingmoss

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1360 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7.13				
FEB.	3.32				
MAR.	1.92				
APRIL	.57				
MAY	3.53				
JUNE	4.94				
JULY	5.94				
AUG.	3.12				
SEPT.	3.72				
OCT.	9.65				
NOV.	6.77				
DEC.	5.33				
TOTAL	55.04				

Signature John K. Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M.Inst.C.E., General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

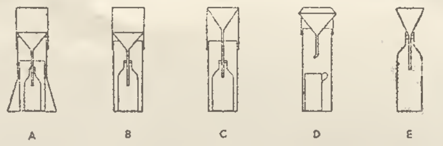
Nature of objects nearest to gauge	As before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3123/5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Loxley Valley, Broggingmoss

In the County of W. R. Yorks

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1360 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·98	✓			
FEB.	3·97				
MAR.	3·97	✓			
APRIL	3·10	✓			
MAY	2·85	✓			
JUNE	3·17	✓			
JULY	7·67	✓			
AUG.	3·23	✓			
SEPT.	2·97	✓			
OCT.	4·93	✓			
NOV.	9·42	✓			
DEC.	4·14	✓			
TOTAL	57·43				

Signature John K. Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M. Inst. C. E. General Manager & Engineer
Sheffield Corporation Waterworks Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station ~~..........~~ Distance ~~..........~~ Direction from gauge ~~..........~~

Nearest Parish Church at ~~..........~~ Distance ~~..........~~ Direction from gauge ~~..........~~

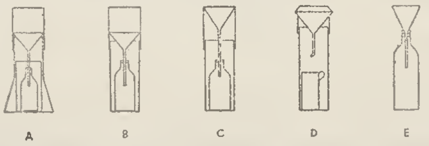
Nature of objects nearest to gauge				
Height of objects	before			
Distances ...	Do			
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090. **B** Monthly Summary. **C** Particulars of Station.

3123/5

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~34~~40

At Loxley Valley, Bragging Moss

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1360 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with 01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(5·03)				
FEB.	(3·82)				
MAR.	4·05				
APRIL	3·47				
MAY	1·18				
JUNE	·98				
JULY	4·12				
AUG.	1·24				
SEPT.	4·23				
OCT.	5·85				
NOV.	9·83				
DEC.	5·93				
TOTAL	49·73				

Signature John K Swales

* See Instruction 3 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M.Inst. C.E., General Manager & Engineer.
Sheffield Corpn. Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

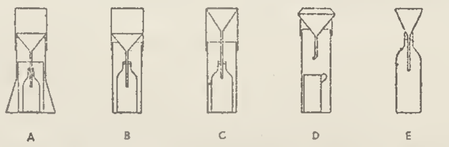
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
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- (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{matrix}17\\18\end{matrix}\Big\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3124

Loxley Valley. Thornseat

1931 — 40

780507

FORM 1090. **B** Mo
Su

ey Valley.

3124

** The following register of month
&c., is NOT required if daily o
values are given on the other si

ıd also the space for

ster should be sent:—

al Manager
. and Engineer
ield

in Summer 9 a.m.

Direction from
gauge

Direction from
gauge

RAINFALL IN 1931

At Thornseat.

In the County of Yorkshir

Rain Gauge
Diameter of Funnel As Bef
Height of Top above Ground
Height of Ground above Sea Level

Month.	Total Depth.	Greatest Fall in 24 hours.		Num Day ·01 in or mo	
	Inches.	Inches.	Date.	*	*
JAN.	7.18	✓			
FEB.	5.08	✓			
MAR.	·18	✓			
APRIL	5.54	✓			
MAY	3.03	✓			
JUNE	5.27	✓			
JULY	5.37	✓			
AUG.	7.53	✓			
SEPT.	6.11	✓			
OCT.	1.81	✓			
NOV.	5.69	✓			
DEC.	2.01	✓			
Total	54.80	✓			

Signature John K Swales

*See Instruction 2 (*f*) below.

Directions from gauge ..

efore

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** Mo

Summary:

ey Valley.

3124

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Thornseat.

In the County of Yorkshire.

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *in.*
- *Height of Ground above Sea Level* .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more*	·04 in. or more*
	Inches.	Inches.	Date.		
JAN.	7·18	✓			
FEB.	5·08	✓			
MAR.	·18	✓			
APRIL	5·54	✓			
MAY	3·03	✓			
JUNE	5·27	✓			
JULY	5·37	✓			
AUG.	7·53	✓			
SEPT.	6·11	✓			
OCT.	1·81	✓			
NOV.	5·69	✓			
DEC.	2·01	✓			
Total	54·80	✓			

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K. Swales. M. Inst. C.E. General Manager and Engineer
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Loxley Valley 3124

FORM 1090.
1

B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932

At Thornseat Delf

In the County of Yorkshire

Rain Gauge

Diameter of Funnel .... in.

Height of Top above Ground .... *in.*

Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·63				
FEB.	·80				
MAR.	2·94				
APRIL	5·56				
MAY	7·36				
JUNE	·93				
JULY	4·85				
AUG.	2·56				
SEPT.	3·19				
OCT.	7·55				
NOV.	4·37				
DEC.	1·95				
Total	46·69				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J.K. Swales Esq M. Inst C.E. - Engineer & Manager
Water Dept - Town Hall - Sheffield

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

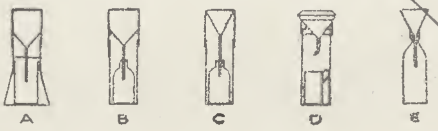
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Loxley Valley

3124

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933.

At Thornself Delf

In the County of Yorkshire

Rain Gauge

Diameter of Funnel .... in.

Height of Top above Ground .... *in.*

Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	2·88				
FEB.	7·71				
MAR.	3·20				
APRIL	1·68				
MAY	1·95				
JUNE	2·25				
JULY	3·16				
AUG.	·79				
SEPT.	1·98				
OCT.	6·05				
NOV.	2·87				
DEC.	·67				
Total	35·19 ✓				

Signature John K. Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales. M. Inst. C.E. Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you **know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Loxley Valley
No 7.
3124

FORM 1090. **B** Monthly Summary.

**** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1934

At Thornseat Delf

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel ...... in.
- *Height of Top above Ground* ...... *ft.* ...... *in.*
- *Height of Ground above Sea Level* ...... *ft.*

as Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·42				
FEB.	·38				
MAR.	4·12				
APRIL	3·35				
MAY	2·34				
JUNE	1·36				
JULY	2·93				
AUG.	2·13				
SEPT.	3·54				
OCT.	5·47				
NOV.	3·14				
DEC.	5·77				
Total	38.95 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C **Particulars of Station.**

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J K Swales Esq M Inst C.E. Engineer
and Manager Water Dept Town Hall
Sheffield

Hour of observation by the clock—in Winter ...... in Summer ......

Nearest Railway Station ...... Distance ...... Direction from gauge ......

Nearest Parish Church at ...... Distance ...... Direction from gauge ......

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

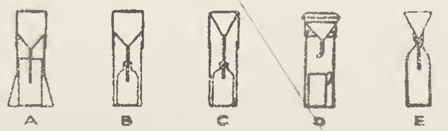
as Before

If gauge has been moved during the year state—

Date of move ...... Distance ...... Direction ......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

......

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.* *9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\ \cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

Loxley Valley

1

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At Thornseat Loxley Valley

In the County of Yorkshire

Rain Gauge
Diameter of Funnel. As Before .....in.
Height of Top above Ground.........*in.*
Height of Ground above Sea Level.........*ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·50				
FEB.	7·05				
MAR.	2·03				
APRIL	3·84				
MAY	·69				
JUNE	4·39				
JULY	1·91				
AUG.	2·78				
SEPT.	6·32				
OCT.	9·85				
NOV.	7·94				
DEC.	5·01				
TOTAL	54·31 ✓				

Signature J. K. Swales

*See Instruction 2 *(f)* below.

C Particulars of Station, ~~No~~ 7 3124

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales M. Inst. C.E. Manager & Engineer
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station............ Distance............ Direction from gauge............

Nearest Parish Church at............ Distance............ Direction from gauge............

As Before

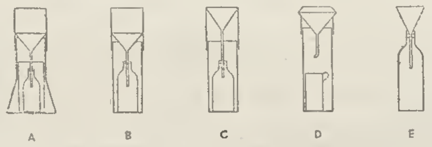
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move............ Distance............ Direction............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

- (a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*
- (b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  - (A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  - (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.
- (c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.
- (d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.
- (e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.
- (f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*
- (g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

LOXLEY VALLEY.

3124

FORM 1090.

B Monthly Summary.

⁎ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Thornseat Delf.

In the County of Yorkshire.

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *ft.* .... *in.* As before.
- *Height of Ground above Sea Level* .... *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4.82				
FEB.	4.49				
MAR.	3.43				
APRIL	2.18				
MAY	2.43				
JUNE	3.86				
JULY	4.37				
AUG.	1.85				
SEPT.	6.39				
OCT.	5.18				
NOV.	5.89				
DEC.	4.57				
TOTAL	✓ 49.46 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

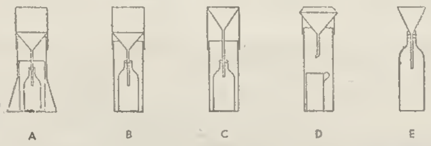
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3124

FORM 1090.

B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1937.

At Loxley V. (Thornseat)

In the County of Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1326 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·27				
FEB.	8·22				
MAR.	4·19				
APRIL	3·28				
MAY	3·87				
JUNE	1·25				
JULY	3·89				
AUG.	1·54				
SEPT.	1·77				
OCT.	3·80				
NOV.	2·29				
DEC.	4·81				
TOTAL	46·18				

Signature John N. [illegible]

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C.E.
General Manager and Engineer
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

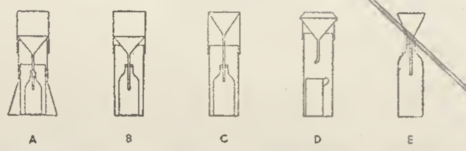
Nature of objects nearest to gauge				
Height of objects	as before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction. An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3124

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Loxley Valley, Thornseat

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1326 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5.78				
FEB.	2.87				
MAR.	1.19				
APRIL	.38				
MAY	3.21				
JUNE	3.43				
JULY	4.97				
AUG.	3.08				
SEPT.	3.31				
OCT.	8.74				
NOV.	5.81				
DEC.	4.60				
TOTAL	47.37				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq. [illegible] General Manager & Engineer
Sheffield Corporation Waterworks Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

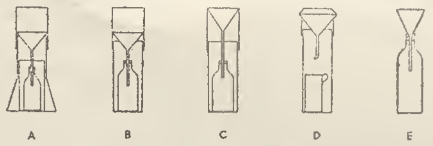
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is **NOT** required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Loxley Valley Thornseat

In the County of W R Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1326 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·96				
FEB.	3·13 ✓				
MAR.	3·38 ✓				
APRIL	2·80 ✓				
MAY	2·71 ✓				
JUNE	2·85 ✓				
JULY	7·20 ✓				
AUG.	2·88 ✓				
SEPT.	2·41				
OCT.	4·66 ✓				
NOV.	8·58 ✓				
DEC.	3·49 ✓				
TOTAL	51·35				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq. M Inst C E. General Manager & Engineer
Sheffield Corporation Waterworks Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

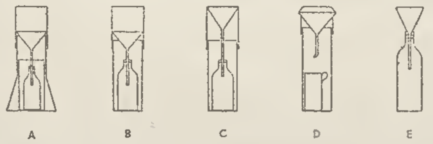
Nature of objects nearest to gauge				
Height of objects				
Distances ...	As before			
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FOR [illegible] MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

3124

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940.

At Loxley Valley, Thornseat

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1326 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with 01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(4·52)				
FEB.	(3·42)				
MAR.	3·34				
APRIL	3·35				
MAY	1·00				
JUNE	·98				
JULY	3·45				
AUG.	1·15				
SEPT.	3·51				
OCT.	5·25				
NOV.	9·81				
DEC.	4·50				
TOTAL	44·28				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq. M Inst. C.E., General Manager & Engineer
Sheffield Corpn. Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station ...... Distance ...... Direction from gauge ......

Nearest Parish Church at ...... Distance ...... Direction from gauge ......

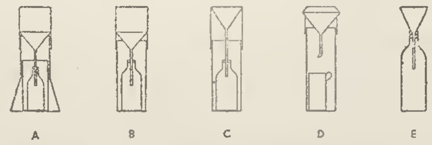
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move ...... Distance ...... Direction ......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
   (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
   (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

Valley!

3125

FORM 1090.

B Mo
Su

3125

LOXLEY VALLEY, ROCHER FLAT

1931 — 40

*** The following register of month
&c., is NOT required if daily
values are given on the other s

nd also the space for

gister should be sent:—
& Engineer
ffield.

RAINFALL IN 1931

At Rocher Flat.

In the County of Yorkshire

in Summer 9 a.m.

Direction from gauge

Direction from gauge

Rain Gauge
- Diameter of Funnel 5
- *Height of Top above Ground* Before
- *Height of Ground above Sea Level*

780507

gauge ..

Month.	Total Depth.	Greatest Fall in 24 hours.		N D ·01 or m	
	Inches.	Inches.	Date.		
JAN.	4·88	✓			
FEB.	4·23	✓			
MAR.	·38	✓			
APRIL	4·85	✓			
MAY	3·15	✓			
JUNE	5·05	✓			
JULY	4·46	✓			
AUG.	7·32	✓			
SEPT.	5·77	✓			
OCT.	1·19	✓			
NOV.	4·57	✓			
DEC.	1·62	✓			
Total	47·47 ✓				

Signature John N Swales

*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move............ Distance............ Direction............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** Mo
Su

Valley!
3125

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193/.

At Rocher Flat.
In the County of Yorkshire

Rain Gauge
- Diameter of Funnel ……… in.
- *Height of Top above Ground* ……… *in.*
- *Height of Ground above Sea Level* ……… *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	4·88	✓			
FEB.	4·23	✓			
MAR.	·38	✓			
APRIL	4·85	✓			
MAY	3·15	✓			
JUNE	5·05	✓			
JULY	4·46	✓			
AUG.	7·32	✓			
SEPT.	5·77	✓			
OCT.	1·19	✓			
NOV.	4·57	✓			
DEC.	1·62	✓			
Total	47·47	✓			

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K. Swales - General Manager & Engineer
Water Dept - Town Hall - Sheffield

Hour of observation by the clock—in Winter 9 a.m in Summer 9 a.m

Nearest Railway Station ……… Distance ……… Direction from gauge ………

Nearest Parish Church at ……… Distance ……… Direction from gauge ………

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move ……… Distance ……… Direction ………

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3125

Loxley Valley.

FORM 1090.
1

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932

At Rocher Flat

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel As Before in.
- *Height of Top above Ground* in.
- *Height of Ground above Sea Level* ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3·45				
FEB.	·77				
MAR.	2·52				
APRIL	4·31				
MAY	7·30				
JUNE	·60				
JULY	4·61				
AUG.	2·60				
SEPT.	2·46				
OCT.	5·84				
NOV.	3·66				
DEC.	1·84				
Total	39·96 x				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales Esq. M. Inst C.E. – Engineer & Manager
Water Dept – Town Hall – Sheffield.

Hour of observation by the clock—in Winter in Summer

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

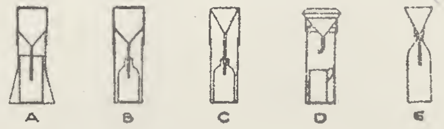
Nature of objects nearest to gauge				
Heights of objects				
Distances ..		As Before		
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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RM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Rocher Flat

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

as Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3.04				
FEB.	6.62				
MAR.	3.15				
APRIL	1.03				
MAY	1.90				
JUNE	2.19				
JULY	2.24				
AUG.	.57				
SEPT.	2.30				
OCT.	5.67				
NOV.	2.37				
DEC.	.52				
Total	31.60 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Loxley Valley

3125

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales. M. Inst C.E. Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

as Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)
If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

D

Loxley Valley
No 7
3125

FORM 1090. **B** Monthly Summary.

C Particulars of Station.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1934

At Rocher Flat

In the County of Yorkshire

Rain Gauge
Diameter of Funnel.............in.
Height of Top above Ground..........*in.*
Height of Ground above Sea Level..........*ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·95				
FEB.	·40				
MAR.	3·58				
APRIL	3·02				
MAY	1·88				
JUNE	1·33				
JULY	1·84				
AUG.	1·59				
SEPT.	2·71				
OCT.	3·55				
NOV.	2·78				
DEC.	5·11				
Total	31·74 ✓				

Signature John K Swales

*See Instruction 2 (f) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J K Swales Esq M Inst CE Engineer & Manager
Water Dept: Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

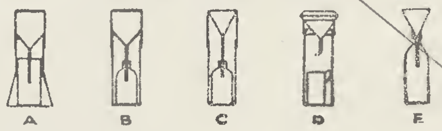
As Before

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

Loxley Valley

3125

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Rocher Flat Loxley Valley

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel As Before in.
- *Height of Top above Ground* 8ft *in.*
- *Height of Ground above Sea Level* *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	2·03				
FEB.	5·59				
MAR.	1·58				
APRIL	2·74				
MAY	·49				
JUNE	5·31				
JULY	1·66				
AUG.	1·92				
SEPT.	5·12				
OCT.	6·54				
NOV.	7·30				
DEC.	4·18				
Total	44·46				

Signature John K. Swales

*See Instruction 2 (*f*) below.

C Particulars of Station. No 7

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales Esq. M.Inst.C.E. Manager + Engineer
Water Dept. Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

As Before

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you **know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

LOXLEY VALLEY.

3125

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Rocher Flat,

In the County of Yorkshire.

Rain Gauge { Diameter of Funnel..........in.
Height of Top above Ground.....ft......in. As before.
Height of Ground above Sea Level.....ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4.17				
FEB.	3.87				
MAR.	3.32				
APRIL	2.24				
MAY	1.67				
JUNE	4.08				
JULY	3.12				
AUG.	1.32				
SEPT.	4.10				
OCT.	4.14				
NOV.	4.93				
DEC.	4.30				
TOTAL	41.26				

Signature John K. Swales

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

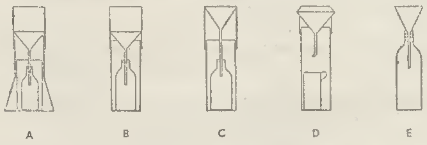
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state –

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition.* *The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3125

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Loxley V. (Rocher Flat)

In the County of Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1106 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·94				
FEB.	6·99				
MAR.	3·90				
APRIL	2·59				
MAY	3·69				
JUNE	·80				
JULY	3·35				
AUG.	·81				
SEPT.	1·56				
OCT.	3·56				
NOV.	2·65				
DEC.	4·17				
TOTAL	40·01				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C.E.
General Manager and Engineer
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

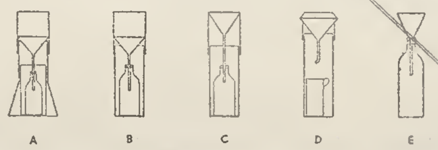
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt.1046/3030. 26,000. 4/36. W. H. & S. 668/91. S.O. Code No. 40-9999

3125

FORM 1090.

B Monthly Summary.

‸ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Loxley Valley, Rocher Flat

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1106 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with 01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4.68				
FEB.	2.17				
MAR.	.45				
APRIL	·21				
MAY	2.76				
JUNE	2.29				
JULY	3.60				
AUG.	2.63				
SEPT.	3.09				
OCT.	7.11				
NOV.	4.66				
DEC.	3.86				
TOTAL	37.51				

Signature John K. Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq. M.Inst.C.E. General Manager & Engineer,
Sheffield Corporation Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

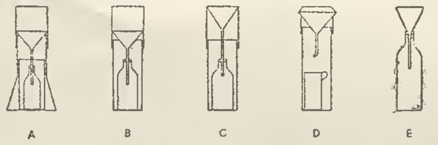
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005 : this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 }·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3125

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Loxley Valley, Rocher Flat

In the County of W. R. Yorks

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1106 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·08				
FEB.	2·43				
MAR.	2·74				
APRIL	2·85				
MAY	2·65				
JUNE	2·89				
JULY	6·81				
AUG.	2·38				
SEPT.	2·39				
OCT.	4·42				
NOV.	7·50				
DEC.	2·93				
TOTAL	46·07				

Signature John K Swales

*See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K. Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

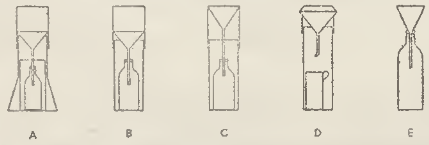
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91
S.O. Code No. 40-9999

3125✓

FORM 1090.

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~34~~40

At Loxley Valley, Rocher Flat

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1106 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(3·91)				
FEB.	(2·90)				
MAR.	3·01	✓			
APRIL	3·55	✓			
MAY	1·15	✓			
JUNE	·65	✓			
JULY	2·80	✓			
AUG.	·60	✓			
SEPT.	2·54	✓			
OCT.	5·01	✓			
NOV.	9·34				
DEC.	7·41				
TOTAL	38·87	✓			

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

John K. Swales Esq M Inst CE, General Manager & Engineer
Sheffield Corpn Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

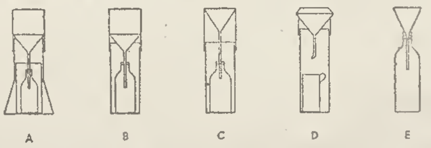
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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S.O. Code No. 40-9999

3126

LOXLEY VALLEY, EMLIN MOOR

1931 — 40

780507

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ley Valley :

3126.

FORM 1090. **B** Mo Su

** The following register of montl &c., is NOT required if daily values are given on the other s

and also the space for

gister should be sent:—
al Manager
and Engineer
effield

in Summer 9 am

Direction from gauge

Direction from gauge

RAINFALL IN 193

At Emlin Moor

In the County of Yorkshi

Rain Gauge
- Diameter of Funnel As
- *Height of Top above Ground* 8ft
- *Height of Ground above Sea Level*

Month.	Total Depth.	Greatest Fall in 24 hours.		N D ·01 or n	
	Inches.	Inches.	Date.	*	*
JAN.	7·66 ✓				
FEB.	6·09 ✓				
MAR.	·37 ✓				
APRIL	5·97 ✓				
MAY	3·04 ✓				
JUNE	5·59 ✓				
JULY	4·74 ✓				
AUG.	7·39 ✓				
SEPT.	5·46 ✓				
OCT.	1·72 ✓				
NOV.	5·33 ✓				
DEC.	2·41 ✓				
Total	55·77 ✓				

Signature John N Swales

*See Instruction 2 (*f*) below.

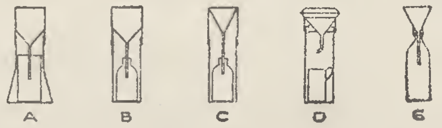
gauge ..

If gauge has been moved during the year state—

Date of move............ Distance............ Direction............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** Mo
Su

ley Valley :
3126

₊ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Emlin Moor

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *ft.* .... *in.*
- *Height of Ground above Sea Level* .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	7·66	✓			
FEB.	6·09	✓			
MAR.	·37	✓			
APRIL	5·97	✓			
MAY	3·04	✓			
JUNE	5·59	✓			
JULY	4·74	✓			
AUG.	7·39	✓			
SEPT.	5·46	✓			
OCT.	1·72	✓			
NOV.	5·33	✓			
DEC.	2·41	✓			
Total	55·77	✓			

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K Swales · M Inst CE General Manager and Engineer
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

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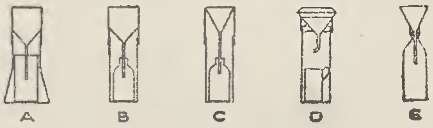

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Loxley Valley 3126

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932

At Emlin Moor.

In the County of Yorkshire.

Rain Gauge
- Diameter of Funnel ......in.
- *Height of Top above Ground* ......*in.*
- *Height of Ground above Sea Level* ......*ft.*

See Over.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·88				
FEB.	·80				
MAR.	3·39				
APRIL	5·65				
MAY	7·49				
JUNE	·74				
JULY	5·05				
AUG.	2·60				
SEPT.	2·89				
OCT.	7·18				
NOV.	4·62				
DEC.	2·19				
Total	47·48				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales M. Inst. C.E. - Engineer and Manager
Water Dept - Town Hall - Sheffield

Hour of observation by the clock—in Winter...... in Summer......

Nearest Railway Station...... Distance...... Direction from gauge ......

Nearest Parish Church at...... Distance...... Direction from gauge ......

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move...... Distance...... Direction......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Loxley Valley

3126

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933.

At Emlin Moor.

In the County of Yorkshire.

Rain Gauge
- Diameter of Funnel As ....in.
- *Height of Top above Ground* ....ft. Before ....*in.*
- *Height of Ground above Sea Level* ....*ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3·28				
FEB.	7·73				
MAR.	3·39				
APRIL	1·53				
MAY	2·09				
JUNE	2·51				
JULY	2·94				
AUG.	·75				
SEPT.	2·24				
OCT.	6·24				
NOV.	2·64				
DEC.	·69				
Total	36·03				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales. M. Inst. C.E. Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

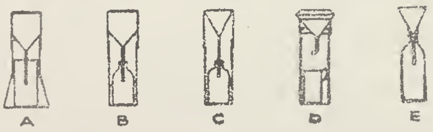
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Loxley Valley

No 7

3126

FORM 1090. **B** Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Emlin Moor

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel ...... in.
- *Height of Top above Ground* ...... *ft.* ...... *in.*
- *Height of Ground above Sea Level* ...... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·65				
FEB.	·38				
MAR.	4·64				
APRIL	3·11				
MAY	2·41				
JUNE	1·39				
JULY	2·43				
AUG.	2·11				
SEPT.	3·49				
OCT.	4·97				
NOV.	2·95				
DEC.	5·69				
Total	38·22				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J K Swales Esq M.Inst CE, Engineer & Manager
Water Dept, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station ...... Distance ...... Direction from gauge ......

Nearest Parish Church at ...... Distance ...... Direction from gauge ......

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move ...... Distance ...... Direction ......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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1

Loxley Valley

3126

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At Emlin Moor, Loxley Valley

In the County of Yorkshire

Rain Gauge
Diameter of Funnel As Before in.
Height of Top above Ground *in.*
Height of Ground above Sea Level *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·08				
FEB.	7·69				
MAR.	2·00				
APRIL	3·52				
MAY	·67				
JUNE	4·58				
JULY	1·99				
AUG.	2·38				
SEPT.	5·91				
OCT.	9·46				
NOV.	8·10				
DEC.	4·92				
TOTAL	54·30 ✓				

Signature John N Swales

*See Instruction 2 (*f*) below.

C Particulars of Station, ~~No 7~~.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
J K Swales Esq M: Inst C E: Manager + Engineer
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

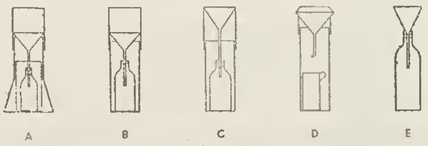
Nature of objects nearest to gauge	As Before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

LOXLEY VALLEY.

3126

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Emlin Moor.

In the County of Yorkshire.

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* ....*ft*.... *in.* As before.
- *Height of Ground above Sea Level* .... *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4.82				
FEB.	4.49				
MAR.	3.87				
APRIL	2.29				
MAY	1.72				
JUNE	4.25				
JULY	3.52				
AUG.	1.66				
SEPT.	5.69				
OCT.	5.28				
NOV.	5.94				
DEC.	5.35				
TOTAL	✓ 48.88				

Signature John K. Swales

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

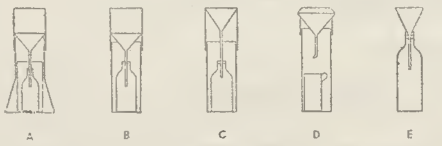
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Loxley V. (Emlin Moor)

In the County of Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 998 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·05				
FEB.	8·22				
MAR.	4·19				
APRIL	3·00				
MAY	3·67				
JUNE	·99				
JULY	3·71				
AUG.	1·11				
SEPT.	1·58				
OCT.	3·93				
NOV.	2·52				
DEC.	4·81				
TOTAL	44·78				

Signature John K. Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst C.E.
General Manager and Engineer
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

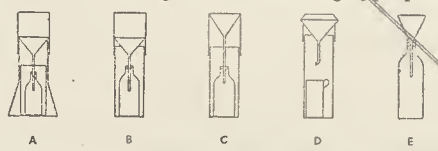
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3126

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Loxley Valley, Emlin Moor

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 998 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6.32				
FEB.	3.39				
MAR.	1.00				
APRIL	·36				
MAY	3.26				
JUNE	2.91				
JULY	4.40				
AUG.	3.05				
SEPT.	3.37				
OCT.	9.13				
NOV.	6.05				
DEC.	4.55				
TOTAL	47.79 *				

Signature John K. Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :— John K. Swales Esq. M.Inst.C.E. General Manager & Engineer. Sheffield Corporation Waterworks, Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

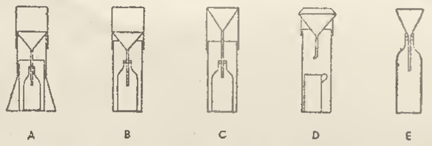
Nature of objects nearest to gauge	As before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Loxley Valley Emlin Moor

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 998 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·21				
FEB.	3·39 ✓				
MAR.	4·03 ✓				
APRIL	3·00	✓			
MAY	2·81	✓			
JUNE	3·09	✓			
JULY	7·03 ✓				
AUG.	2·57 ✓				
SEPT.	2·31				
OCT.	4·48	✓			
NOV.	8·40 ✓				
DEC.	4·08				
TOTAL	52·68				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales, Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station ~~..........~~ Distance ~~..........~~ Direction from gauge ~~..........~~

Nearest Parish Church at ~~..........~~ Distance ~~..........~~ Direction from gauge ~~..........~~

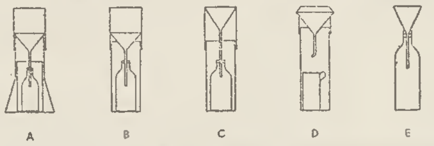
Nature of objects nearest to gauge	As before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

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(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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S.O. Code No. 40-9999

3126

FORM 1090.

B Monthly Summary.

● The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940

At Loxley Valley, Emlin moor

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 998 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(4·52)				
FEB.	(3·47)				
MAR.	3·52				
APRIL	3·90				
MAY	1·25				
JUNE	·72				
JULY	3·02				
AUG.	·98				
SEPT.	3·34				
OCT.	5·19				
NOV.	10·10				
DEC.	4·92				
TOTAL	44·93				

Signature John K. Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M. Inst. C.E. General Manager & Engineer
Sheffield Corpn. Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

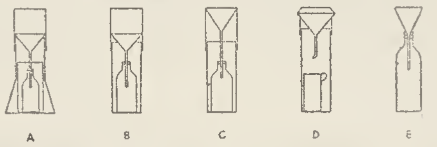
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91
S.O. Code No. 40-9999

FORM 1090.

B M
S

3126

3126/4

LOXLEY VALLEY, WHITELEE MOOR

1931 — 40

780507

*** The following register of mon
&c., is NOT required if daily
values are given on the other

and also the space for

egister should be sent:—

RAINFALL IN 193.

LOXLEY V.
At (White Lee Mo

In the County of York

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 *ft.*
Height of Ground above Sea Level

...in Summer...
Direction from gauge
Direction from gauge

Month.	Total Depth. Inches.	Greatest Fall in 24 hours. Inches.	Date.	N… D… ·0… or	
JAN.	5.68				
FEB.	5.54				
MAR.	.29				
APRIL	5.23				
MAY	3.40				
JUNE	6.13				
JULY	4.34				
AUG.	8.24				
SEPT.	5.10				
OCT.	1.48				
NOV.	5.53				
DEC.	2.31				
Total	53.27 estd				

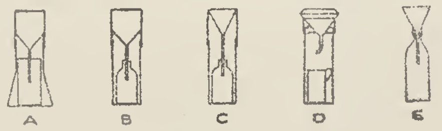
Directions from gauge ..

If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Turf wall added.

Signature Sheffield Corporation W.W.

6K. print

O.S. map No 37. F.10.

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** M S

3126/4

LWR 7

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At ~~White Lee Moor~~ Nº 42 LOXLEY V.

In the County of York

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1170 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	5.68				
FEB.	5.54				
MAR.	.29				
APRIL	5.23				
MAY	3.40				
JUNE	6.13				
JULY	4.34				
AUG.	8.24				
SEPT.	5.10				
OCT.	1.48				
NOV.	5.53				
DEC.	2.31				
Total	53.27	[illegible]			

Signature Sheffield Corporation W.W.

OK. print

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:— [illegible]

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

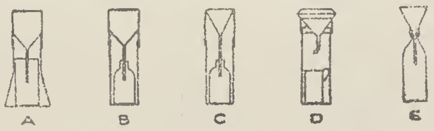
Nature of objects nearest to gauge	5 3 2 6 5 1			
Heights of objects	1 3 6 3			
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Turf wall added.

O.S. map Nº 37. F.10.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3126/4

Loxley Valley

FORM 1090.

B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932

At White Lee Moor

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *ft.* .... *in.*
- *Height of Ground above Sea Level* .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·78				
FEB.	·80				
MAR.	3·37				
APRIL	5·49				
MAY	7·26				
JUNE	·79				
JULY	5·53				
AUG.	2·50				
SEPT.	3·15				
OCT.	7·04				
NOV.	4·31				
DEC.	2·13				
Total	47·15				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J K Swales Esq M. Inst CE - Engineer & Manager
Water Dept - Town Hall - Sheffield

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

Loxley Valley.

3126/4

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At White Lee Moor.

In the County of Yorkshire.

Rain Gauge

Diameter of Funnel .... in.

Height of Top above Ground ...... *ft* ...... *in.*

Height of Ground above Sea Level ...... *ft.*

G5 Behne

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3.53				
FEB.	6.90				
MAR.	3.23				
APRIL	1.24				
MAY	2.84				
JUNE	2.41				
JULY	2.54				
AUG.	.63				
SEPT.	2.70				
OCT.	6.30				
NOV.	2.33				
DEC.	.70				
Total	35.35				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales. M. Inst. C.E. Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

G5 Behne

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

Loxley Valley

FORM 1090. **B** Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1934

At White Lee Moor

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft.* .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·19				
FEB.	·48				
MAR.	3·53				
APRIL	2·95				
MAY	2·38				
JUNE	1·54				
JULY	1·98				
AUG.	2·01				
SEPT.	3·45				
OCT.	4·32				
NOV.	2·58				
DEC.	6·33				
Total	35·74				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station. No 7.

3/26/4

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J K Swales Esq M Inst CE Engr & Manager
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

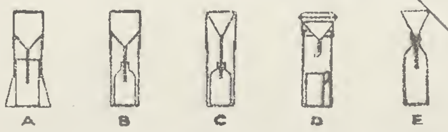
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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1

Form 1090.

Loxley Valley

3126/4

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At White Lee Moor

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *in.*
- *Height of Ground above Sea Level* .... *ft.*

As Before

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
Jan.	2·61				
Feb.	7·21				
Mar.	1·96				
April	3·46				
May	·38				
June	5·59				
July	1·77				
Aug.	2·54				
Sept.	5·89				
Oct.	8·86				
Nov.	7·76				
Dec.	4·41				
Total	52·44				

Signature John N. Swales

*See Instruction 2 *(f)* below.

C Particulars of Station, No 7

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C.E. Manager & Engineer
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

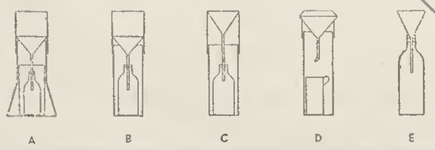
As Before

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

LOXLEY VALLEY

3|26/4

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At White Lee Moor.

In the County of Yorkshire.

Rain Gauge
Diameter of Funnel.........in.
Height of Top above Ground.........ft.........in. As before.
Height of Ground above Sea Level.........ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4.74				
FEB.	4.67				
MAR.	3.86				
APRIL	2.10				
MAY	1.58				
JUNE	4.19				
JULY	3.35				
AUG.	1.81				
SEPT.	4.31				
OCT.	4.86				
NOV.	5.60				
DEC.	5.17				
TOTAL	46.24				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station......... Distance......... Direction from gauge.........

Nearest Parish Church at......... Distance......... Direction from gauge.........

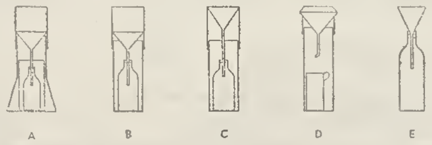
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state –

Date of move......... Distance......... Direction.........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3126/4

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Loxley V. (White Lee Moor)

In the County of Yorks

Rain Gauge { Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft.* 0 *in.*

Height of Ground above Sea Level 1170 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·17				
FEB.	7·64				
MAR.	4·53				
APRIL	3·02				
MAY	3·48				
JUNE	·93				
JULY	3·46				
AUG.	1·07				
SEPT.	1·84				
OCT.	3·95				
NOV.	2·40				
DEC.	4·53				
TOTAL	44·02				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C. E.
General Manager and Engineer
Water Dept. Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... **Distance** .... Direction from gauge ....

Nearest Parish Church at .... **Distance** .... Direction from gauge ....

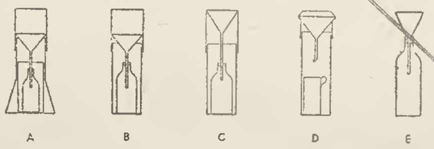
Nature of objects nearest to gauge				
Height of objects	As			
Distances ...	before			
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt.1046/3030. 26,000. 4/36. W. H. & S. 668/91. S.O. Code No. 40-9999

3126/4

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Loxley Valley, White Lee Moor

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1170 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with 01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	✓6.19				
FEB.	2.70 ✓				
MAR.	·75 ✓				
APRIL	·30 ✓				
MAY	3.16 ✓				
JUNE	2.84 ✓				
JULY	3.93 ✓				
AUG.	3.17 ✓				
SEPT.	3.19 ✓				
OCT.	9.37 ✓				
NOV.	5.94 ✓				
DEC.	4.81 ✓				
TOTAL	46.35 ✓				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq. M. Inst. C. E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

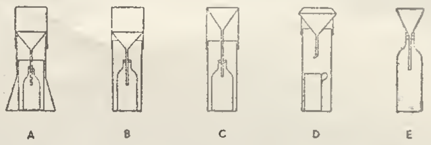
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
- (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
- (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3126/4

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Loxley Valley, White Lee Moor

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1170 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·28				
FEB.	3·16				
MAR.	3·47				
APRIL	2·40				
MAY	2·34				
JUNE	2·99				
JULY	7·54				
AUG.	2·51				
SEPT.	2·17				
OCT.	4·55				
NOV.	8·69				
DEC.	3·70				
TOTAL	49·80				

Signature John K. Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales, Esq. M. Inst. C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

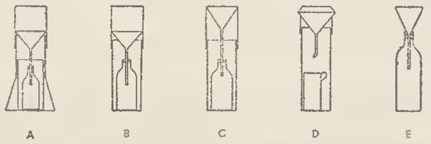
As before

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005: this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3126/4

FORM 1090.

B Monthly Summary.

● The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940

At Loxley Valley, White Lee Moor

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1170 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(4·33)				
FEB.	(3·00)				
MAR.	3·42				
APRIL	3·70				
MAY	1·19				
JUNE	·65				
JULY	3·20				
AUG.	·84				
SEPT.	3·16				
OCT.	5·71				
NOV.	9·92				
DEC.	4·51				
TOTAL	43·63				

Signature John K. Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq. M.Inst.C.E., General Manager & Engineer
Sheffield Corpn. Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

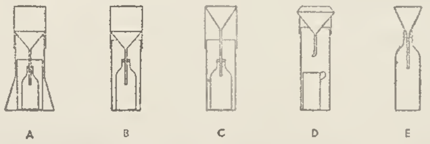
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Form 1090. **B** Mon
Sum

3126/5
WR7

—

3126/5
Loxley Valley Hobson Moss
1931 — 40

780507

*** The following register of monthly
&c., is NOT required if daily or
values are given on the other sid

d also the space for

ter should be sent:—

RAINFALL IN 1931

Loxley Valley
At (Hobson Moss) No

In the County of York

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 ft. 0
Height of Ground above Sea Level 15

n Summer

Direction from gauge

Direction from gauge

Directions from gauge ..

Month.	Total Depth.	Greatest Fall in 24 hours.		Num Day ·01 in or mo	
	Inches.	Inches.	Date.	*	
Jan.	8.25				
Feb.	6.02				
Mar.	.27				
April	6.30				
May	3.16				
June	5.86				
July	5.96				
Aug.	8.72				
Sept.	6.16				
Oct.	2.09				
Nov.	6.46				
Dec.	2.63				
Total	61.88				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

NEW 5"

Signature Sheffield Corporation W.W.

O.S. map. No 37. F.8.

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

- (*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*
- (*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  - (A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  - (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.
- (*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.
- (*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.
- (*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.
- (*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*
- (*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (*h*) The heaviest daily fall for each month should be underlined.

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N

3126/5

WR 7

FORM 1090. **B** Mon Summary.

C Particulars of Station.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

LOXLEY VALLEY
At (Hobson Moss) No 22
In the County of York

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 ft. 0 in.
Height of Ground above Sea Level 1530 ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	8.25				
FEB.	6.02				
MAR.	·27				
APRIL	6.30				
MAY	3.16				
JUNE	5.86				
JULY	5.96				
AUG.	8.72				
SEPT.	6.16				
OCT.	2.09				
NOV.	6.46				
DEC.	2.63				
Total	61.88				

Signature Sheffield Corporation W.W.

O.S. map. No 37. F.8.

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

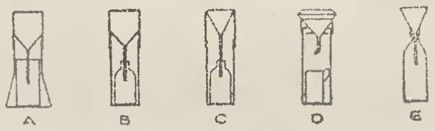
Nature of objects nearest to gauge	53 2650			
Heights of objects	1 40.6			
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

NEW 5"

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

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N

Form 1090.

B Monthly Summary.

Loxley Valley 3126/5

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932

At Hobson Moss

In the County of Yorkshire.

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	5.44				
FEB.	·92				
MAR.	3·56				
APRIL	6·23				
MAY	7.32				
JUNE	·91				
JULY	5·39				
AUG.	3·18				
SEPT.	3·76				
OCT.	7·63				
NOV.	4·70				
DEC.	2·19				
Total	51·23 ×				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J.K. Swales Esq M.Inst.C.E. Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

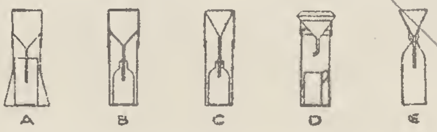
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Loxley Valley

3126/5

M 1090. **B** Monthly Summary.

C Particulars of Station.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Hobson Moss

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... ft. .... in.
Height of Ground above Sea Level .... ft.

As B'fore

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3.51				
FEB.	8.51				
MAR.	3.58				
APRIL	1.73				
MAY	1.96				
JUNE	3.64				
JULY	3.42				
AUG.	·70				
SEPT.	2.66				
OCT.	6.54				
NOV.	2.77				
DEC.	·67				
Total	39.69 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:— J K Swales M. Inst C.E. Engineer & Manager Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As B'fore

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge, and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Loxley Valley.

3126/5

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Hobson Moss,

In the County of Yorkshire

Rain Gauge { Diameter of Funnel .... in.
Height of Top above Ground .... *ft* .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·81				
FEB.	·45				
MAR.	4·14				
APRIL	3·39				
MAY	2·49				
JUNE	1·66				
JULY	2·88				
AUG.	2·79				
SEPT.	3·82				
OCT.	5·51				
NOV.	3·43				
DEC.	6·24				
Total	41·61 ✓				

Signature John K Swales

*See Instruction 2 (f) below.

C Particulars of Station. No 7.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J K Swales M Inst C E Engineer & Manager
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

As Before

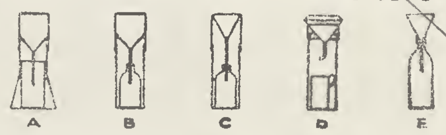
Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\ \cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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✓ Loxley Valley

3126/5

1

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Hobson Moss · Loxley Valley

In the County of Yorkshire

Rain Gauge
Diameter of Funnel As Before in.
Height of Top above Ground in.
Height of Ground above Sea Level ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	2·91				
FEB.	7·98				
MAR.	2·37				
APRIL	4·24				
MAY	·70				
JUNE	4·53				
JULY	2·22				
AUG.	2·42				
SEPT.	6·70				
OCT.	11·04				
NOV.	8·68				
DEC.	5·36				
Total	58·95 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station. ~~No 7~~

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales M Inst C.E. Manager & Engineer
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

Nature of objects nearest to gauge				
Heights of objects				
Distances				
Directions from gauge				

As Before

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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LOXLEY VALLEY.

3126/5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Hobson Moss.

In the County of Yorkshire.

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground ......*ft*......*in.* As before.
Height of Ground above Sea Level ....*ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5.60				
FEB.	5.16				
MAR.	4.43				
APRIL	2.56				
MAY	2.30				
JUNE	4.68				
JULY	4.76				
AUG.	2.01				
SEPT.	6.22				
OCT.	5.68				
NOV.	6.61				
DEC.	5.76				
TOTAL	55.77 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :— John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

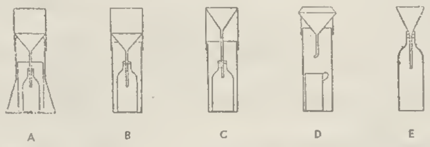
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...		As before.		

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

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(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3126/5

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Loxley V. (Hobson Moss)

In the County of Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1530 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	8·39				
FEB.	9·07				
MAR.	4·83				
APRIL	3·22				
MAY	4·05				
JUNE	1·52				
JULY	3·78				
AUG.	1·35				
SEPT.	1·95				
OCT.	4·00				
NOV.	2·76				
DEC.	5·79				
TOTAL	50·71				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J K Swales Esq M. Inst. C.E.
General Manager and Engineer
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

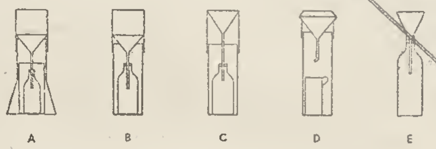
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17/18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3126/5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Loxley Valley, Hobson Moss.

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1530 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6.77				
FEB.	3.33				
MAR.	1.45				
APRIL	.47				
MAY	3.60				
JUNE	4.06				
JULY	5.89				
AUG.	3.96				
SEPT.	3.80				
OCT.	9.86				
NOV.	6.53				
DEC.	5.05				
TOTAL	54.77				

Signature John K. Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

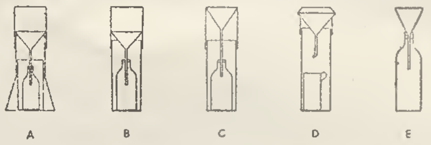
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

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3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

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(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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3126/5

FORM 1090.

B Monthly Summary.

*The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Loxley Valley, Hobson Moss

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 ft. 0 in.
- *Height of Ground above Sea Level* 1530 ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	8·05				
FEB.	4·36	✓			
MAR.	4·04 ✓				
APRIL	2·73	✓			
MAY	2·84	✓			
JUNE	3·34 ✓				
JULY	7·08 ✓				
AUG.	3·04 ✓				
SEPT.	2·86				
OCT.	4·95 ✓				
NOV.	8·98 ✓				
DEC.	4·06	✓			
TOTAL	56·33				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

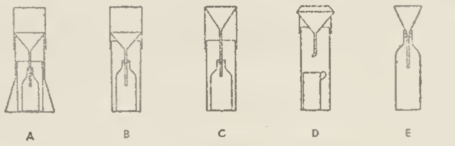
Do before

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

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(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
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(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

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3126/5

FORM 1090.

B Monthly Summary.

The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940

At Loxley Valley, Hobson Moss

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1530 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(5·21)				
FEB.	(3·95)				
MAR.	3·89				
APRIL	3·69				
MAY	1·07				
JUNE	1·04				
JULY	3·62				
AUG.	1·48				
SEPT.	4·44				
OCT.	5·71				
NOV.	10·53				
DEC.	5·91				
TOTAL	50·64				

Signature John K Swales

* See Instruction 3 *(f)* below.

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Sheffield Corpⁿ Waterworks, Town Hall, Sheffield.

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Nearest Railway Station .... Distance .... Direction from gauge ....

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Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

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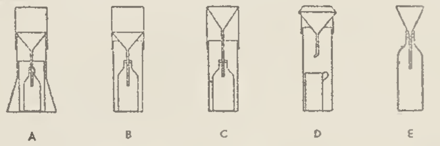

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S.O. Code No. 40-9999

3127

Section **A** for the entry

AIR MINIS

COPY FOR OFFICIAL USE.

LL ORGANIZATION.

FORM 1090. REG

1 .

Kept at ULLEY

in the County of Y

Diameter of Funnel of Gauge

Height of top of Gauge above Gr

,, Ground ,, Sea

THE MORNING MEA Y.

An observer who does not conform *following*

year in the space on the right of

Jan. 1, following

3127

ULLEY RES. No2

1931 — 40

780507

Date	Jan.	Feb.	March								Nov.	Dec.	Date
	in.	in.	in.						in.	in.	in.	in.	
1		·02	·03			·21				·04			1
2		·02			·06	·60			·42			·07	2
3				·59	·06	·02	·04		1·38		·28	·19	3
4		·08		·10			·34	·78	·39			·02	4
5		·03		·10	·12	·86		·17	·08			·30	5
6		·20				·11	·12		·02	·14	·10		6
7		·01	·02			·47	·09	1·10		·03	·20		7
8		·05	·05		·02		·07				·13		8
9		·31		·17	·05	·21		·28	·03		·35	·01	9
10					·02	·03		·04					10
11		·28							·31				11
12	·14						·78			·01			12
13						·03	·02	·12	·04				13
14		·06				·68	·31	·68			·66	·01	14
15		·04		·08	·08		·09	·08			T	·04	15
16	·07	·14		·07	·16	·80		·24	·22				16
17		·32		·36	·17	·03		·04		·05	·65		17
18		·01		·48		·30	·38	·06					18
19				·13		·07	·08	·10	·07				19
20		·08		·05				·44				·01	20
21	·09	·02	·02		·40						·15		21
22	·42				·11								22
23			·10	·08	·46	·18	·13				·12		23
24	·02	·01		·15	·37		·27		·02				24
25	·03			·37			·40				·03	·01	25
26				·11	·18		·02				·19		26
27	·06	·22			·01					·01	·19	·13	27
28	·15	·18		·02	·11							·07	28
29	·25				·23		·09			·27	·04	·02	29
30		✕		·02	·04								30
31	·25	✕		✕		✕			✕		✕		31
TOTAL	1·48	2·08	·22	2·88	2·65	4·60	3·23	4·13	2·98	·55	3·09	·88	YEAR'S TOTAL 28·77
*Days with ·01 in. or more.	10	19	5	16	18	15	16	13	11	7	13	12	155
*Days with ·04 in. or more.	8	12	2	14	15	11	14	13	8	4	12	6	119

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Vincent James

P.T.O.

3127

Section **A** for the entr ... COPY FOR OFFICIAL USE.
AIR MINISTRY ... LL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at ULLEY RESERVOIR. No 2.
in the County of YORK.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 184 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		·02	·03			·21				·04			1
2		·02			·06	·60			·42			·07	2
3				·59	·06	·02	·04		1·38		·28	·19	3
4		·08		·10			·34	·78	·39			·02	4
5		·03		·10	·12	·86		·17	·08			·30	5
6		·20				·11	·12		·02	·14	·10		6
7		·01	·02			·47	·09	1·10		·03	·20		7
8		·05	·05		·02		·07				·13		8
9		·31		·17	·05	·21		·28	·03		·35	·01	9
10					·02	·03		·04					10
11		·28							·31				11
12	·14						·78			·01			12
13						·03	·02	·12	·04				13
14		·06				·68	·31	·68			·66	·01	14
15		·04		·08	·08		·09	·08			·T	·04	15
16	·07	·14		·07	·16	·80		·24	·22				16
17		·32		·36	·17	·03		·04		·05	·65		17
18		·01		·48		·30	·38	·06					18
19				·13		·07	·08	·10	·07				19
20		·08		·05				·44				·01	20
21	·09	·02	·02		·40						·15		21
22	·42				·11								22
23			·10	·08	·46	·18	·13				·12		23
24	·02	·01		·15	·37		·27		·02				24
25	·03			·37			·40				·03	·01	25
26				·11	·18		·02				·19		26
27	·06	·22			·01					·01	·19	·13	27
28	·15	·18		·02	·11							·07	28
29	·25				·23		·09			·27	·04	·02	29
30		×		·02	·04								30
31	·25	×		×		×			×		×		31
TOTAL	1·48	2·08	·22	2·88	2·65	4·60	3·23	4·13	2·98	·55	3·09	·88	YEAR'S TOTAL 28·77
*Days with ·01 in. or more.	10	19	5	16	18	15	16	13	11	7	13	12	155
*Days with ·04 in. or more.	8	12	2	14	15	11	14	13	8	4	12	6	119

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Vincent James.

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3127

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Ulley Reservoir No. 2

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 184 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·10	·03		·10	·50	·02	·07	·03	·22	·50		·04	1
2					·45	·02			·10	·05	·01	·03	2
3				·26			·11			·03		·11	3
4				·18	·01						·16		4
5	·10				·06				·02				5
6	·50		·11	·11			·16						6
7			·10	·12					·10	·18	·01		7
8				·07					·22	·03			8
9	·08	·08	·06	·05								·03	9
10	·10	·01	·02	·06					·09	·16		·16	10
11				·04	·07	·34	·64				·03		11
12	·11				·05					·20	·03		12
13	·04	·06		·06			1·07			·27	·04	·01	13
14	·02			·03			·47					·06	14
15					·10					·04			15
16	·23			·28	·06								16
17							·07			·14			17
18													18
19				·10						·07			19
20				·04	·63			·60		·19			20
21					2·83		·02	·25		·42		·05	21
22			·29	·06	·70		·23		·24	·06	·17		22
23			·12	·04	·11		·01			·29	·03	·02	23
24	·01				·01		·36				·18		24
25		·07			·01		·02			·27	·06		25
26		·03		·13	·54				·07	·19	·08		26
27			·20	·08	·50	·06	·02						27
28			·10	·09	·14		·24	·92			·02		28
29			·13	·10		·04			·16	·35	·09	·13	29
30		×	·07	·05		·28	·01		·27		·13	·19	30
31		×	·03	×	·02	×	·27		×		×	·06	31
TOTAL	1·29	·28	1·23	2·05	6·79	·76	3·77	1·80	1·49	3·44	1·04	·89	YEAR'S TOTAL 24·83
*Days with ·01 in. or more.	10	6	11	21	18	6	16	4	10	18	14	12	146
*Days with .04 in. or more.	8	3	9	20	14	4	11	3	9	16	8	8	113

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Vincent Turner

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3127

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Ulley Reservoir No. 2.

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 184 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·20	·08	·20	–	–	–	–	–	–	–	–	–		1
2	·16	–	·29	–	–	–	–	–	–	–	·07	–		2
3	·02	·07	·11	–	·32	–	–	–	–	–	·08	–		3
4	·07	·01	–	–	·24	–	–	–	–	–	–	–		4
5	·06	–	·21	–	·05	–	–	–	–	–	–	–		5
6	–	·08	–	–	·51	–	–	–	–	–	–	·06		6
7	–	·07	–	–	·15	–	·36	–	–	·33	–	·03		7
8	–	–	·05	–	–	–	·36	–	–	–	·07	·04		8
9	–	·06	–	–	–	–	·30	–	–	·46	–	–		9
10	–	·06	–	–	–	·08	·15	–	–	3·05	·01	–		10
11	–	–	–	–	tr	–	·03	–	–	·07	–	–		11
12	·03	–	–	–	–	·06	·09	–	–	–	–	–		12
13	–	–	–	–	·42	–	·09	·04	·04	–	·03	–		13
14	·09	–	–	–	–	–	–	tr	–	·03	·28	–		14
15	·70	–	–	–	–	–	–	–	–	·26	·82	·08		15
16	·34	–	·40	·01	·03	–	·21	·02	–	·10	·11	tr		16
17	·10	–	·62	–	–	·04	–	tr	·01	–	·24	tr		17
18	·02	·10	·06	–	–	·30	–	–	–	–	·07	–		18
19	–	–	·32	–	–	·23	–	–	·01	–	·01	·03		19
20	–	–	–	tr	–	·22	–	tr	–	–	·03	–		20
21	–	–	–	–	·05	·28	–	·04	tr	tr	–	–		21
22	–	–	–	–	·04	–	–	·16	–	·63	–	–		22
23	–	–	–	·05	–	–	–	–	·28	–	–	–		23
24	–	·22	–	·19	·13	·47	–	–	·51	tr	·03	–		24
25	–	1·30	–	·18	·03	·04	–	–	·10	–	–	·08		25
26	–	·90	–	·01	–	–	–	–	·02	·09	·14	–		26
27	–	·02	–	–	·49	–	–	–	·11	·10	–	–		27
28	–	–	–	·06	·01	–	–	–	·02	·17	–	–		28
29	–	–	–	·28	–	–	–	–	–	·15	–	–		29
30	·15	×	–	·70	–	–	–	–	–	tr	–	·02		30
31	·04	×	·02	×	–	×	tr	–	×	·03	×	–		31
TOTAL	1·98	2·97	2·28	1·48	2·47	1·72	1·59	·26	1·10	5·47	1·99	·34	Year's Total 23·65	
*Days with ·01 in. or more.	13	12	10	8	13	9	8	4	9	13	14	7	120	
*Days with .04 in. or more.	10	10	9	6	10	9	7	3	5	11	9	4	93	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Vincent Turner H.G.M.

[P.T.O.

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Section **A** for the entry of Daily Observations. **Station No.** 3127

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Ulley Reservoir No. 2.

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 184 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	–	–	–	–	–	–	–	·09	–	·08	–	·11		1
2	–	tr.	·03	–	–	–	–	·08	·20	tr.	·07	·15		2
3	·03	·01	–	–	–	–	–	–	–	·06	–	–		3
4	·04	–	·16	·39	–	–	–	–	·10	·38	–	·74		4
5	–	–	·09	·02	–	–	–	·25	–	–	·12	·01		5
6	–	–	·09	tr.	·11	·02	–	·02	–	·10	–	·60		6
7	·05	–	tr.	–	·17	–	–	–	–	–	–	·20		7
8	–	–	·05	–	·10	·10	–	·04	–	·03	·31	·01		8
9	–	–	·30	·02	–	–	–	–	–	·02	·69	·17		9
10	–	–	·40	·21	–	–	–	tr.	–	–	·05	tr.		10
11	·58	–	·20	·32	–	–	–	·10	–	–	–	·27		11
12	–	–	·26	·05	–	–	·06	·02	–	–	–	·02		12
13	·39	–	tr.	·02	–	–	·88	·03	–	–	–	·06		13
14	tr.	–	·29	–	·02	·21	–	–	–	·08	·20	·26		14
15	·10	–	·06	–	·14	–	–	tr.	·13	–	·30	·01		15
16	·21	–	·09	–	·11	–	–	–	–	–	·06	·04		16
17	·13	–	·08	–	·01	–	·03	–	·13	·04	–	·10		17
18	·03	–	·15	·15	·04	·03	–	–	–	–	–	·03		18
19	–	–	·16	–	·04	·01	–	–	·13	·06	–	–		19
20	–	–	·03	–	·04	·01	–	–	·02	–	–	tr.		20
21	–	–	–	–	–	·24	–	–	·10	·06	–	–		21
22	–	–	–	–	–	–	–	·20	·23	–	·10	–		22
23	–	–	·13	·08	–	–	·53	–	–	·05	–	·06		23
24	–	·13	·06	·08	–	·12	·12	–	·04	·02	–	·02		24
25	·02	–	–	·01	–	–	–	–	·05	·18	–	·37		25
26	·10	–	–	·27	–	·02	·02	–	·10	–	–	·01		26
27	–	·63	–	·70	–	·11	–	–	·01	·13	–	·12		27
28	–	–	–	·16	–	·02	–	·12	–	·07	–	·35		28
29	–	–	·04	–	–	–	–	·03	·36	·03	–	·08		29
30	–	×	–	–	–	–	·18	–	·01	·19	–	·10		30
31	–	×	–	×	–	×	–	·06	×	·01	×	–		31
TOTAL	1·68	0·77	2·67	2·48	0·78	0·89	1·82	1·04	1·61	1·59	1·90	3·89	Year's Total. 21·12	
* Days with .01 in. or more.	11	3	19	14	10	11	7	12	14	18	9	24	152	
* Days with .04 in. or more.	8	2	17	10	8	5	5	8	11	13	9	17	113	

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Vincent Turner / F.T.M.

[P.T.O.

COPY FOR OFFICIAL USE. ✓

Section A for the entry of Daily Observations. Station No. 3127

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Ulley Reservoir No. 2

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 184 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·17	–	·47	–	–	·07	tr.	–	1·02	·10	·14	·18		1
2	–	tr.	·02	·02	–	·43	–	–	–	·44	tr.	–		2
3	–	·08	·20	·02	–	·18	–	–	–	·24	·19	–		3
4	–	–	–	·02	–	·24	–	–	–	·36	–	–		4
5	tr.	·21	·09	·02	–	·39	–	–	–	tr.	·10	–		5
6	·04	tr.	tr.	·01	–	·34	–	–	–	–	–	–		6
7	·08	–	–	·12	–	·42	–	–	–	·21	·39	·14		7
8	tr.	–	·01	·06	–	·08	–	·80	–	·01	·12	·15		8
9	–	–	–	·16	–	·16	–	–	–	·63	·05	·01		9
10	·01	–	–	·23	–	tr.	–	–	–	·06	·01	–		10
11	·29	–	–	–	–	tr.	–	–	–	tr.	–	·10		11
12	–	·06	–	–	–	·04	–	–	–	–	–	–		12
13	·05	·02	–	·10	·12	·02	–	–	–	–	·01	–		13
14	–	–	–	·33	·09	·02	–	–	·24	–	·85	·14		14
15	–	·08	–	·37	·01	–	·05	–	–	–	·16	·16		15
16	–	·31	·16	tr.	·01	·20	–	–	·35	–	·82	–		16
17	tr.	·01	tr.	·10	–	·28	·45	–	·02	–	·67	–		17
18	·04	–	–	·23	–	·05	·04	·28	·16	·10	·02	–		18
19	·02	tr.	–	·08	–	·09	·03	–	–	·10	·30	tr.		19
20	·01	·02	–	·54	–	·03	–	–	–	–	·45	–		20
21	–	·75	tr.	·03	–	–	–	–	·50	–	·16	–		21
22	–	·06	·03	–	–	–	–	–	·02	–	·03	–		22
23	–	·79	·14	·02	–	–	–	1·08	·05	·16	–	–		23
24	·11	·19	·10	–	–	–	–	–	1·20	–	·01	·28		24
25	·10	–	–	–	–	·02	–	–	–	–	–	·03		25
26	·10	–	–	–	–	–	·01	·58	·27	·03	·06	·39		26
27	–	·21	–	–	·03	–	–	–	·17	·01	·04	·79		27
28	·05	·02	–	–	–	–	–	·13	·01	·04	–	·03		28
29	·03	✕	·02	–	–	–	–	–	·08	·05	·01	·11		29
30	·03	✕	–	–	–	–	–	·09	–	·30	·44	·02		30
31	–	✕	–	✕	–	✕	–	–	✕	·35	✕	·14		31
													Year's Total	
TOTAL	1·13	2·81	1·24	2·46	0·26	3·06	0·58	2·96	4·09	3·19	5·03	2·67	29·48	
* Days with .01 in. or more.	15	14	10	18	5	18	5	6	13	17	22	15	158	
* Days with .04 in. or more.	10	10	6	11	2	14	3	6	10	14	16	11	113	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Vincent Turner [P.T.O.

COPY FOR OFFICIAL USE

Station No. 3127

Section **A** for the entry of Daily Observations

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936

Kept at Ulley Reservoir No. 2.

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 184 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept,	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	·22	·05	·32	—	tr.	·02	·16	—	—	·06	·07		1
2	·05	tr.	·10	·03	—	·63	·12	·01	—	—	·25	·12		2
3	·02	·03	—	—	—	·18	—	—	·15	—	—	·02		3
4	·01	·07	tr.	—	tr.	·07	—	—	·10	—	·10	·10		4
5	·07	·01	·23	—	·01	—	—	·16	·01	—	—	·17		5
6	—	—	—	—	·01	·01	·12	·12	·40	—	·12	—		6
7	·22	—	·01	—	tr.	—	·63	—	·09	·01	·02	—		7
8	·10	—	·06	—	—	—	·01	—	—	—	·13	—		8
9	·26	—	·04	—	—	·06	1·03	·01	—	—	·18	—		9
10	—	—	—	tr.	—	—	·63	·26	·05	—	·04	—		10
11	—	—	—	·10	—	tr.	·06	·10	—	—	·38	—		11
12	—	—	—	·13	·01	·84	·32	—	·40	—	·06	·12		12
13	—	—	—	·09	—	·15	·07	—	·29	·05	—	·47		13
14	—	—	—	·13	—	·07	tr.	—	·21	—	·06	·11		14
15	·26	—	·03	·14	—	—	tr.	·10	·12	—	·14	·08		15
16	·12	·05	—	·03	—	—	·02	—	—	—	·46	—		16
17	·01	·50	—	—	·16	—	·07	—	—	—	·02	·11		17
18	—	·09	—	—	—	—	·12	·01	—	·26	·01	—		18
19	·36	·07	—	·10	—	·17	·01	·40	—	·13	—	—		19
20	·05	·14	·07	—	—	·11	—	—	·02	tr.	—	—		20
21	—	—	·02	·10	—	·04	—	—	—	—	—	—		21
22	·02	·35	·13	—	·07	·28	·22	—	—	—	—	—		22
23	—	·02	·12	·03	·05	—	·36	—	—	—	—	—		23
24	—	·07	tr.	—	·17	—	—	—	·17	·18	—	—		24
25	·17	—	·05	·05	—	—	·03	—	·37	—	—	—		25
26	·02	·03	·40	—	—	—	—	—	·04	·28	·06	—		26
27	·17	—	·01	—	—	—	—	—	·15	·24	—	—		27
28	·25	·64	·07	—	—	—	·11	—	·02	—	·04	·09		28
29	·21	·31	·14	—	—	·23	—	—	—	·05	·32	·18		29
30	·06	✕	—	—	·64	·04	·12	—	—	·61	·01	·01		30
31	—	✕	·03	✕	—	✕	·01	—	✕	—	✕	·06		31
TOTAL	2·43	2·60	1·56	1·25	1·12	2·88	4·08	1·33	2·59	1·81	2·46	1·71	Year's Total 25·82	✓
* Days with .01 in. or more.	19	15	17	12	8	14	20	10	16	9	19	14	173	✓
* Days with .04 in. or more.	14	11	12	9	5	13	14	7	13	8	15	12	133	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Vincent Turner

[P.T.O.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 312

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at ULLEY RESERVOIR No 2

in the County of YORK

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

„ Ground „ Sea Level 184 ft.

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Jan. 1, following ✓

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Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·13	·04	·02	—	—	—	tr.	—	·07	—	·04	·10		1
2	·01	·06	tr.	·21	—	—	—	—	—	—	—	1·80		2
3	—	·04	—	·13	·01	—	·01	—	—	—	—	·13		3
4	·06	·03	·04	·08	—	—	—	—	—	—	—	·35		4
5	·30	tr.	·13	—	—	—	—	—	—	—	—	·03		5
6	·03	—	·03	·01	·30	—	—	—	—	—	·04	·17		6
7	—	·43	—	·15	·09	—	—	—	—	—	·03	tr.		7
8	—	·50	—	·01	—	—	—	—	—	—	·11	tr.		8
9	—	·22	—	·05	·21	—	·48	·04	—	—	—	·03		9
10	·01	·02	·06	·11	·02	·06	—	—	—	—	—	·26		10
11	—	—	·86	—	·90	—	—	·16	—	—	—	·05		11
12	·16	·28	·03	—	·30	·10	—	—	·14	—	—	·12		12
13	—	·03	—	—	·01	1·10	—	·02	·06	—	—	·14		13
14	—	tr.	·48	tr.	—	·01	—	·01	·02	—	—	·13		14
15	·17	·15	—	·31	—	—	1·46	—	tr.	—	—	·01		15
16	—	·10	·28	·50	—	—	—	·08	·22	—	—	—		16
17	·22	·03	·32	·14	—	—	—	—	·78	—	—	—		17
18	1·08	—	·06	tr.	—	—	—	—	·02	—	·53	—		18
19	—	·02	·08	tr.	—	·10	·20	—	tr.	—	·32	—		19
20	·27	·12	—	·30	·56	—	—	—	tr.	—	—	—		20
21	·05	—	·01	—	—	—	·26	—	—	·08	—	—		21
22	—	—	—	—	·01	—	·01	—	—	·23	·22	—		22
23	·33	—	—	—	·05	—	·12	—	—	1·40	·36	—		23
24	·18	·35	·01	—	·01	—	—	—	·04	·22	—	—		24
25	·09	·35	·08	—	·01	—	—	—	tr.	·26	—	—		25
26	—	·20	·07	—	·36	tr.	—	—	—	—	—	·04		26
27	—	·18	·01	·20	—	—	—	—	—	·56	—	·03		27
28	—	·21	·05	—	—	tr.	—	—	—	—	—	—		28
29	·08	✕	—	—	—	—	—	—	—	tr.	·02	·05		29
30	·34	✕	—	—	—	·04	—	·08	—	tr.	—	·04		30
31	·34	✕	—	✕	—	✕	—	—	✕	·25	✕	·03		31
TOTAL	3·85	3·36	2·62	2·20	2·84	1·41	2·54	0·39	1·35	3·00	1·67	3·51	Year's Total 28·74	✓
* Days with .01 in. or more.	18	20	18	13	14	6	7	6	8	7	9	18	144	✓
* Days with .04 in. or more.	15	15	12	11	8	5	5	4	6	7	7	13	108	✓

† Spare column, no entries required.

(*Signed*) Vincent [illegible] [P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3127

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1090

REGISTER OF RAINFALL IN 193~~9~~8

Kept at ULLEY RESERVOIR No 2

in the County of YORK

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 184 ft.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.03	tr.	—	—	0.06	0.57	0.16	—	—	0.05	—	0.15		1
2	0.03	—	—	0.02	0.04	0.07	—	—	0.02	0.03	0.07	—		2
3	0.03	—	—	—	—	0.03	—	—	0.15	1.15	0.04	—		3
4	0.04	—	—	—	—	0.03	0.02	—	—	0.25	0.07	0.12		4
5	—	—	—	—	—	—	0.04	0.22	—	0.22	—	tr.		5
6	0.02	—	—	—	—	—	0.40	0.34	0.02	0.06	—	tr.		6
7	0.10	—	—	—	—	—	0.09	0.04	0.48	0.03	—	0.03		7
8	0.34	—	—	—	—	—	0.17	—	—	0.38	—	0.03		8
9	0.08	0.02	—	—	—	0.13	0.02	0.59	0.01	—	—	0.32		9
10	—	0.02	—	—	—	—	0.34	—	—	—	tr.	0.04		10
11	0.32	—	—	—	—	—	0.03	—	—	0.03	0.02	0.03		11
12	0.08	0.02	—	—	0.05	—	tr.	0.24	—	0.35	0.04	0.40		12
13	0.04	0.04	—	—	—	—	—	0.16	tr.	—	0.08	—		13
14	0.19	—	—	—	0.04	—	0.52	—	0.14	—	—	—		14
15	0.24	—	—	—	—	—	0.29	—	—	tr.	0.02	0.40		15
16	0.12	—	0.01	—	—	—	0.42	—	—	0.03	0.05	0.16		16
17	—	0.01	—	—	0.30	—	0.10	—	—	0.10	—	—		17
18	—	tr.	—	—	0.10	0.11	—	0.01	—	—	0.25	—		18
19	—	tr.	—	—	tr.	—	—	0.04	0.05	—	tr.	0.08		19
20	—	—	—	—	—	—	—	—	tr.	—	0.31	0.15		20
21	—	—	—	—	—	—	—	—	0.02	—	0.01	0.10		21
22	—	—	—	—	—	—	—	—	—	—	0.34	0.14		22
23	—	—	—	—	—	0.05	0.02	—	0.38	—	0.20	—		23
24	—	—	0.08	—	—	tr.	0.02	0.06	0.23	—	0.09	—		24
25	0.04	0.10	—	—	—	—	—	0.01	—	0.21	0.70	0.13		25
26	—	0.50	0.08	—	—	0.20	—	—	0.11	0.04	tr.	0.02		26
27	0.02	0.01	—	—	0.05	0.06	0.17	0.36	0.05	0.01	0.17	—		27
28	0.12	—	—	—	0.50	0.11	0.07	0.56	0.27	0.04	—	0.01		28
29	0.10	X	—	0.02	0.44	—	0.03	—	—	tr.	0.13	0.02		29
30	0.03	✕	—	—	0.01	0.01	—	—	0.11	—	0.09	—		30
31	0.14	✕	—	✕	0.18	✕	—	0.03	✕	0.16	✕	0.63		31
TOTAL	2.11	0.72	0.17	0.04	1.77	1.37	2.91	2.66	2.04	3.14	2.68	2.96	Year's Total 22.57	✓
* Days with .01 in. or more.	20	8	3	2	11	11	18	13	14	17	18	19	154	✓
* Days with .04 in. or more.	14	3	2	—	10	8	12	10	10	12	15	13	109	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Vincent Turner /RB

P.T.O.

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Section **A** for the entry of Daily Observations

Station No. 3129

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Ulley Reservoir No. 2

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Diameter of Funnel of Gauge 5 in.

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,, Ground ,, Sea Level 184 ft.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	Trace	—	0.02	0.08	—	—	—	0.27	0.02	—	Trace	0.01		1
2	0.04	—	—	0.08	—	—	—	0.19	1.25	—	0.03	—		2
3	0.17	—	—	0.20	—	—	0.03	0.30	—	—	0.23	0.12		3
4	0.19	—	0.26	0.32	—	—	0.02	0.47	—	0.06	0.04	0.95		4
5	—	—	—	—	0.04	—	0.27	0.09	—	0.13	0.33	0.27		5
6	0.35	—	—	—	—	—	0.42	—	—	—	0.09	—		6
7	0.01	0.09	0.02	—	—	—	0.05	—	—	0.01	0.34	0.16		7
8	0.07	0.08	0.05	—	—	—	0.21	0.12	—	—	0.02	—		8
9	0.03	0.07	—	—	—	—	—	0.17	—	0.73	—	0.13		9
10	0.58	—	—	—	—	—	—	—	—	0.03	—	—		10
11	0.06	—	0.17	—	0.04	0.25	—	0.06	0.06	—	—	0.02		11
12	0.08	0.01	0.01	—	—	0.14	—	—	—	—	—	—		12
13	—	—	—	0.03	0.05	0.18	0.05	—	—	0.18	—	—		13
14	0.51	—	—	0.08	0.31	0.13	0.42	—	—	0.22	0.04	—		14
15	0.08	—	—	—	0.27	0.28	0.45	—	0.02	—	0.04	0.02		15
16	—	—	0.26	—	0.65	0.02	0.13	—	—	—	0.05	—		16
17	1.05	—	—	0.22	0.08	—	0.03	—	—	0.18	0.03	—		17
18	0.07	—	0.04	—	—	0.15	0.19	—	0.05	—	1.00	—		18
19	0.20	—	—	—	—	0.25	0.12	0.01	—	—	—	0.02		19
20	—	—	—	—	—	0.04	0.16	0.57	0.26	—	—	—		20
21	0.11	0.20	0.17	0.01	0.06	0.24	0.40	0.01	0.20	—	—	—		21
22	0.11	0.23	0.03	—	—	—	0.08	—	0.02	—	0.16	—		22
23	0.02	—	0.01	0.10	—	0.11	0.04	—	—	0.15	0.41	—		23
24	0.06	—	0.06	0.01	—	Trace	0.13	—	—	—	—	—		24
25	0.60	—	0.08	Trace	—	—	—	0.54	—	—	0.50	0.10		25
26	0.02	—	Trace	—	—	—	—	—	—	0.02	0.04	—		26
27	0.05	0.05	0.40	0.04	—	0.07	0.01	—	—	0.32	0.05	—		27
28	0.04	0.12	0.23	0.16	—	—	0.16	0.03	—	0.01	0.15	—		28
29	—	—	—	0.13	—	—	0.45	—	—	0.28	0.02	—		29
30	—	✕	—	—	—	—	—	—	—	—	0.08	—		30
31	—	✕	—	✕	—	✕	0.11	0.05	✕	0.06	✕	—		31
TOTAL	4.50	0.85	1.81	1.46	1.50	1.86	3.93	2.88	1.88	2.38	3.65	1.80	Year's Total 28.50	
* Days with .01 in. or more.	23	8	15	13	8	12	22	14	8	14	20	10	167	
* Days with .04 in. or more.	19	7	10	10	8	11	18	11	5	10	16	6	131	

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(*Signed*)

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P.T.O.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	—	0.10	Tr.	0.01	—	—	—	—	—	—	0.20	—		1
2	—	0.02	—	0.27	—	—	0.02	—	—	—	0.33	0.04		2
3	—	0.25	—	0.01	—	—	—	—	—	—	0.07	—		3
4	—	0.01	—	—	—	—	—	—	—	0.06	0.36	0.03		4
5	—	—	—	—	0.18	—	0.14	—	—	0.15	0.26	0.25		5
6	0.10	0.15	—	—	—	—	—	—	—	0.86	0.02	0.04		6
7	—	0.20	—	0.08	0.05	—	0.11	—	—	—	—	—		7
8	—	—	—	0.03	—	—	—	—	—	0.13	—	0.10		8
9	—	—	0.20	—	—	—	—	—	—	0.06	0.67	—		9
10	—	—	—	—	—	—	1.30	—	—	—	0.06	0.25		10
11	—	0.04	0.01	—	—	—	0.15	—	—	—	0.67	—		11
12	—	—	0.16	—	—	—	0.03	—	0.10	—	0.24	—		12
13	—	0.04	0.32	—	—	—	—	—	0.13	—	—	—		13
14	—	—	—	0.05	0.23	—	0.65	—	—	—	—	—		14
15	—	—	—	—	0.01	—	—	—	—	0.06	0.16	—		15
16	0.10	0.13	0.11	—	—	—	0.65	—	0.14	1.08	0.58	—		16
17	—	—	0.38	—	—	—	0.35	0.10	0.02	Tr.	0.26	—		17
18	0.06	0.25	0.03	0.90	—	—	0.13	—	0.25	—	—	—		18
19	—	0.15	0.08	0.23	—	—	0.34	0.06	0.15	Tr.	0.22	0.11		19
20	—	0.01	—	0.16	—	0.04	0.11	—	—	0.07	0.09	—		20
21	—	—	0.03	—	—	0.61	0.06	—	—	0.10	1.01	—		21
22	—	—	0.02	—	0.15	0.06	—	—	0.15	0.05	—	0.02		22
23	—	0.08	0.02	—	0.10	0.05	—	—	—	0.03	0.09	0.07		23
24	0.09	—	—	—	—	—	0.09	—	—	0.11	—	0.02		24
25	0.02	—	—	0.01	—	—	—	—	—	0.09	—	—		25
26	0.60	0.02	—	—	0.15	—	—	0.02	—	0.05	—	—		26
27	0.80	0.08	—	—	—	—	0.04	—	—	—	—	—		27
28	0.60	0.48	—	—	0.15	—	—	—	—	—	—	—		28
29	—	—	0.11	—	—	—	—	—	—	—	—	0.15		29
30	0.13	✕	—	0.37	—	—	—	—	—	0.19	—	0.26		30
31	0.11	✕	0.07	✕	—	✕	—	—	✕	1.14	✕	0.22		31
TOTAL	2.61	2.10	1.54	2.12	1.02	0.76	4.17	0.18	0.94	4.23	5.29	1.56	Year's Total 26.52	
* Days with .01 in. or more.	10	16	13	11	8	4	15	3	7	16	17	13	133	
* Days with .04 in. or more.	9	13	8	7	7	4	3	2	6	15	16	10	110	

† Spare column, no entries required.

(*Signed*) ....

P.T.O.

* See Instruction 3 (f) on other side.

3128

Section **A** for the entry c

AIR MINISTI

OPY FOR OFFICIAL USE.

L ORGANIZATION.

FORM 1090. **REGIS**

Kept at ULLEY R

in the County of YO

Diameter of Funnel of Gauge

Height of top of Gauge above Grou

„ Ground „ Sea

THE MORNING MEAS

An observer who does not conform to

year in the space on the right of th

llowing

Jan. 1, following

3128

Ulley Res. No 1

1931, 32

780507

Date	Jan.	Feb.	March								Nov.	Dec.	*Date*
	in.	in.	in.				in.	in.	in.	in.	in.	in.	
1		.02	.01			.19				.04			1
2		.02			.05	.55			.40			.07	2
3				.59	.05	.02	.04		1.34		.30	.19	3
4		.09		.10			.36	.75	.35			.02	4
5		.03		.10	.11	.80		.15	.06			.27	5
6		.17				.10	.11		.02	.14	.09		6
7		.01				.46	.09	1.05		.02	.19		7
8		.05	.04		.01		.06				.12		8
9		.27		.17	.04	.19		.27	.03		.35	.01	9
10					.01	.02		.04					10
11		.22							.30				11
12	.14						.78			.01			12
13						.03	.02	.11	.02				13
14		.06				.60	.30	.60			.65	.01	14
15		.04		.07	.08		.08	.11			T	.04	15
16	.06	.12		.06	.17	.78		.25	.20				16
17		.23		.30	.16	.03		.02		.05	.65		17
18		.01		.46		.27	.37	.06					18
19				.13		.06	.07	.09	.07				19
20		.06		.05				.40				.01	20
21	.08	.02	.02		.39						.15		21
22	.38				.12								22
23			.09	.08	.46	.17	.12				.12		23
24	.02	.01		.14	.39		.25		.02				24
25	.03			.37			.39				.03	.01	25
26				.10	.18		.01				.19		26
27	.06	.24			.01					.01	.18	.12	27
28	.14	.15		.02	.10							.07	28
29	.24				.20		.09			.25	.04	.02	29
30		×		.01	.03								30
31	.18	×		×		×			×		×		31
TOTAL	1.33	1.82	.16	2.75	2.56	4.27	3.14	3.98	2.81	.52	3.06	.84	YEAR'S TOTAL 27.16
*Days with ·01 in. or more.	10	19	4	16	18	15	16	13	11	7	13	12	154
*Days with ·04 in. or more.	8	12	2	14	14	11	14	12	7	4	12	6	116

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Vincent Turner.

P.T.O.

J.W.H.

3128

Section A for the entry o

AIR MINISTR

OPY FOR OFFICIAL USE.

L ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1937.

Kept at ULLEY RESERVOIR. Nº 1.

in the County of YORK.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 184 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		·02	·01			·19				·04			1
2		·02			·05	·55			·40			·07	2
3				·59	·05	·02	·04		1·34		·30	·19	3
4		·09		·10			·36	·75	·35			·02	4
5		·03		·10	·11	·80		·15	·06			·27	5
6		·17				·10	·11		·02	·14	·09		6
7		·01				·46	·09	1·05		·02	·19		7
8		·05	·04		·01		·06				·12		8
9		·27		·17	·04	·19		·27	·03		·35	·01	9
10					·01	·02		·04					10
11		·22							·30				11
12	·14						·78			·01			12
13						·03	·02	·11	·02				13
14		·06				·60	·30	·60			·65	·01	14
15		·04		·07	·08		·08	·11			T	·04	15
16	·06	·12		·06	·17	·78		·25	·20				16
17		·23		·30	·16	·03		·02		·05	·65		17
18		·01		·46		·27	·37	·06					18
19				·13		·06	·07	·09	·07				19
20		·06		·05				·40				·01	20
21	·08	·02	·02		·39						·15		21
22	·38				·12								22
23			·09	·08	·46	·17	·12				·12		23
24	·02	·01		·14	·39		·25		·02				24
25	·03			·37			·39				·03	·01	25
26				·10	·18		·01				·19		26
27	·06	·24			·01					·01	·18	·12	27
28	·14	·15		·02	·10							·07	28
29	·24				·20		·09			·25	·04	·02	29
30		×		·01	·03								30
31	·18	×		×		×			×		×		31
TOTAL	1·33	1·82	·16	2·75	2·56	4·27	3·14	3·98	2·81	·52	3·06	·84	YEAR'S TOTAL 27·16
*Days with ·01 in. or more.	10	19	4	16	18	15	16	13	11	7	13	12	154
*Days with ·04 in. or more.	8	12	2	14	14	11	14	12	7	4	12	6	116

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Vincent Turner.

J.W.J.

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3128

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Ulley Reservoir No. 1

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 184 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·10	·03		·09	·47	·02	·07	·03	·27	·50		·04	1
2					·44	·02			·10	·05	·01	·04	2
3				·27			·10			·03		·11	3
4				·17	·01						·16		4
5	·10				·04				·03				5
6	·47		·10	·09			·16						6
7			·09	·10					·11	·15	·01		7
8				·06					·21	·03			8
9	·06	·08	·06	·05								·03	9
10	·07	·01	·02	·06					·09	·15		·14	10
11				·04	·07	·33	·62				·04		11
12	·09				·05					·19	·03		12
13	·03	·06		·05			1·05			·26	·04	·01	13
14	·02			·03			·43					·05	14
15					·10					·04			15
16	·21			·27	·06								16
17							·07			·13			17
18													18
19				·09						·07			19
20				·03	·68			·57		·19			20
21					2·48		·02	·29		·41		·05	21
22			·29	·05	·70		·23		·24	·06	·17		22
23			·12	·04	·12		·01			·32	·03	·03	23
24	·01				·01		·39				·17		24
25		·07			·01		·02			·27	·06		25
26		·03	·01	·12	·47				·07	·19	·07		26
27			·18	·08	·48	·05	·01						27
28			·10	·09	·15		·24	·93			·01		28
29			·12	·11		·04			·16	·35	·08	·13	29
30		×	·06	·05		·26	·01		·26		·14	·19	30
31		×	·03	×	·02	×	·27		×		×	·05	31
TOTAL	1·16	·28	1·18	1·94	6·36	·72	3·70	1·82	1·54	3·39	1·02	·87	YEAR'S TOTAL 23·98
*Days with ·01 in. or more.	10	6	12	21	18	6	16	4	10	18	14	12	147
*Days with ·04 in. or more.	7	3	9	19	14	4	11	3	9	16	9	9	113

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Vincent Turner / P.J.M.

P.T.O.

3129

Section **A** for the entry of

AIR MINISTR

FORM 1090.

REGIS

Kept at ULLEY R

in the County of

Diameter of Funnel of Gauge

Height of top of Gauge above Groun

,, Ground ,, Sea L

THE MORNING MEASU

An observer who does not conform to
year in the space on the right of th

3129

ULLEY RES No 3

1931 —— 40

780507

OPY FOR OFFICIAL USE.

ORGANIZATION.

llowing

Jan. 1, following

Date	Jan.	Feb.	March								Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		·02	·03			·22				·04			1
2		·02			·05	·55			·42			·08	2
3				·60	·05	·02	·04		1·40		·29	·19	3
4		·07		·12			·36	·79	·40			·02	4
5		·03		·10	·13	·90		·18	·07			·23	5
6		·20				·12	·10		·02	·15	·11		6
7		·01	·06			·48	·09	1·10		·03	·20		7
8		·05	·05		·02		·08				·14		8
9		·31		·18	·05	·23		·28	·04		·37	·01	9
10					·02	·03		·04					10
11		·28							·33				11
12	·15						·78			·01			12
13						·03	·02	·13	·03				13
14		·06				·65	·32	·69			·70	·01	14
15		·04		·08	·08		·10	·11			T	·04	15
16	·07	·14		·08	·17	·82		·21	·24				16
17		·30		·40	·17	·04		·04		·05	·68		17
18		·01		·56		·31	·40	·06					18
19				·12		·07	·10	·12	·07				19
20		·07		·05				·45				·01	20
21	·09	·02	·02		·40						·14		21
22	·42				·11								22
23			·10	·10	·48	·18	·15				·12		23
24	·02	·01		·16	·30		·27		·02				24
25	·03			·40			·40				·03	·01	25
26				·11	·18		·02				·19		26
27	·07	·22			·01					·01	·19	·11	27
28	·16	·21		·02	·11							·07	28
29	·26				·23		·12			·26	·04	·02	29
30		X		·02	·03								30
31	·23	X		X		X			X		X		31
TOTAL	1·50	2·07	·26	3·10	2·59	4·65	3·35	4·20	3·04	·55	3·20	·80	YEAR'S TOTAL 29·31
*Days with ·01 in. or more.	10	19	5	16	18	15	16	13	11	7	13	12	155
*Days with ·04 in. or more.	8	12	3	14	14	12	14	13	8	4	12	6	120

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Vincent Turner.

P.T.O.

3129

Section **A** for the entry of [redacted] OPY FOR OFFICIAL USE.
AIR MINISTR ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931 .

Kept at ULLEY RESERVOIR. Nº 3.
in the County of YORK
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
„ Ground „ Sea Level 132·27 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		·02	·03			·22				·04			1
2		·02			·05	·55			·42			·08	2
3				·60	·05	·02	·04		1·40		·29	·19	3
4		·07		·12			·36	·79	·40			·02	4
5		·03		·10	·13	·90		·18	·07			·23	5
6		·20				·12	·10		·02	·15	·11		6
7		·01	·06			·48	·09	1·10		·03	·20		7
8		·05	·05		·02		·08				·14		8
9		·31		·18	·05	·23		·28	·04		·37	·01	9
10					·02	·03		·04					10
11		·28							·33				11
12	·15						·78			·01			12
13						·03	·02	·13	·03				13
14		·06				·65	·32	·69			·70	·01	14
15		·04		·08	·08		·10	·11			T	·04	15
16	·07	·14		·08	·17	·82		·21	·24				16
17		·30		·40	·17	·04		·04		·05	·68		17
18		·01		·56		·31	·40	·06					18
19				·12		·07	·10	·12	·07				19
20		·07		·05				·45				·01	20
21	·09	·02	·02		·40						·14		21
22	·42				·11								22
23			·10	·10	·48	·18	·15				·12		23
24	·02	·01		·16	·30		·27		·02				24
25	·03			·40			·40				·03	·01	25
26				·11	·18		·02				·19		26
27	·07	·22			·01					·01	·19	·11	27
28	·16	·21		·02	·11							·07	28
29	·26				·23		·12			·26	·04	·02	29
30		X		·02	·03								30
31	·23	X		X		X			X		X		31
TOTAL	1·50	2·07	·26	3·10	2·59	4·65	3·35	4·20	3·04	·55	3·20	·80	YEAR'S TOTAL 29·31
*Days with ·01 in. or more.	10	19	5	16	18	15	16	13	11	7	13	12	155
*Days with ·04 in. or more.	8	12	3	14	14	12	14	13	8	4	12	6	120

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Vincent Turner. P.T.O.

H.W.J.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3129

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Ulley Reservoir No. 3

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

„ Ground „ Sea Level 132.27 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·09	·03		·08	·50	·02	·07	·03	·24	·50		·04	1
2					·46	·02			·09	·05	·01	·03	2
3				·28			·11			·03		·11	3
4				·19	·01						·16		4
5	·10				·05				·02				5
6	·48		·12	·11			·11						6
7			·11	·11					·11	·20	·01		7
8				·08					·19	·03			8
9	·06	·09	·06	·05								·03	9
10	·07	·01	·02	·05					·09	·17		·16	10
11				·04	·07	·32	·63				·03		11
12	·07				·06					·20	·03		12
13	·03	·06		·08			1·07			·21	·04	·01	13
14	·02			·03			·39					·06	14
15					·10					·04			15
16	·14			·28	·06								16
17							·07			·14			17
18													18
19				·10						·07			19
20				·04	·70			·60		·18			20
21					2·89		·02	·29		·44		·06	21
22			·30	·05	·66		·22		·23	·06	·18		22
23			·12	·04	·14		·01			·29	·03	·02	23
24	·01				·01		·40				·18		24
25		·07			·01		·02			·26	·07		25
26		·03		·12	·50				·07	·19	·08		26
27			·20	·09	·46	·07	·02						27
28			·10	·10	·15		·25	·94			·03		28
29			·11	·11		·04			·17	·35	·08	·14	29
30		×	·07	·05		·28	·01		·27		·14	·19	30
31		×	·03	×	·02	×	·28		×		×	·06	31
													YEAR'S TOTAL
TOTAL	1·07	·29	1·24	2·08	6·85	·75	3·68	1·86	1·48	3·41	1·07	·91	24·69
*Days with ·01 in. or more.	10	6	11	21	18	6	16	4	10	18	14	12	146
*Days with .04 in. or more.	7	3	9	20	14	4	11	3	9	16	8	8	112

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Vincent Turner

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3129

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Ulley Reservoir No 3.

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

„ Ground „ Sea Level 132·27 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·18	·08	·22	-	-	-	-	-	-	-	-	-		1
2	·16	-	·29	-	-	-	-	-	-	-	·07	-		2
3	·02	·07	·12	-	·30	-	-	-	-	-	·08	-		3
4	·08	·01	-	-	·23	-	-	-	-	-	-	-		4
5	·07	-	·22	-	·05	-	-	-	-	-	-	-		5
6	-	·09	-	-	·49	-	-	-	-	-	-	·06		6
7	-	·08	-	-	·15	-	·37	-	-	·34	-	·03		7
8	-	-	·06	-	-	-	·38	-	-	-	·07	·04		8
9	-	·06	-	-	-	-	·28	-	-	·47	-	-		9
10	-	·06	-	-	-	·08	·16	-	-	3·05	·01	-		10
11	-	-	-	-	tr	-	·03	-	-	·07	-	-		11
12	·03	-	-	-	-	·07	·09	-	-	-	-	-		12
13	-	-	-	-	·45	-	·09	·04	·05	-	·03	-		13
14	·09	-	-	-	-	-	-	tr	-	·03	·33	-		14
15	·72	-	-	-	-	-	-	-	-	·27	·87	·08		15
16	·40	-	·39	·01	·03	-	·23	·02	-	·10	·12	tr		16
17	·11	-	·59	-	-	·05	-	tr	·01	-	·25	tr		17
18	·02	·10	·06	-	-	·30	-	-	-	-	·09	-		18
19	-	-	·33	-	-	·24	-	-	·01	-	·01	·03		19
20	-	-	-	tr	-	·22	-	tr	-	-	·03	-		20
21	-	-	-	-	·06	·28	-	·04	tr	tr	-	-		21
22	-	-	-	-	·04	-	-	·16	-	·63	-	-		22
23	-	-	-	·05	-	-	-	-	·29	-	-	-		23
24	-	·35	-	·18	·14	·46	-	-	·52	tr	·03	-		24
25	-	1·50	-	·18	·04	·04	-	-	·11	-	-	·08		25
26	-	1·16	-	·01	-	-	-	-	·02	·09	·14	-		26
27	-	·02	-	-	·48	-	-	-	·13	·10	-	-		27
28	-	-	-	·06	·01	-	-	-	·02	·18	-	-		28
29	-	-	-	·28	-	-	-	-	-	·15	-	-		29
30	·15	×	-	·70	-	-	-	-	-	tr	-	·02		30
31	·04	×	·03	×	-	×	tr	-	×	·03	×	-		31
TOTAL	2·07	3·58	2·31	1·47	2·47	1·74	1·63	·26	1·16	5·51	2·13	·34	Year's Total 24·67	
*Days with ·01 in. or more.	13	12	10	8	13	9	8	4	9	13	14	7	120	
*Days with ·04 in. or more.	10	10	9	6	11	9	7	3	5	11	9	4	94	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Vincent Turner

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. **Station No.** 3129

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Ulley Reservoir No 3

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 132·27 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	-	-	-	-	-	-	·07	-	·09	-	·11		1
2	-	tr.	·03	-	-	-	-	·08	·20	tr.	·07	·15		2
3	·03	·01	-	-	-	-	-	-	-	·06	-	-		3
4	·04	-	·16	·41	-	-	-	-	·10	·39	-	·75		4
5	-	-	·09	·02	-	-	-	·26	-	-	·12	·01		5
6	-	-	·09	tr.	·12	·02	-	·02	-	·10	-	·60		6
7	·05	-	tr.	-	·17	-	-	-	-	-	-	·20		7
8	-	-	·05	-	·10	·10	-	·04	-	·03	·31	·01		8
9	-	-	·38	·02	-	-	-	-	-	·02	·69	·17		9
10	-	-	·41	·21	-	-	-	tr.	-	-	·06	tr.		10
11	·58	-	·21	·32	-	-	-	·10	-	-	-	·28		11
12	-	-	·27	·05	-	-	·06	·02	-	-	-	·02		12
13	·40	-	tr.	·02	-	-	·88	·03	-	-	-	·06		13
14	tr.	-	·30	-	·04	·21	-	-	-	·09	·21	·26		14
15	·12	-	·06	-	·16	-	-	tr.	·13	-	·30	·01		15
16	·21	-	·09	-	·11	-	-	-	-	-	·06	·04		16
17	·13	-	·08	-	·01	-	·03	-	·14	·04	-	·10		17
18	·03	-	·16	·15	·04	·03	-	-	-	-	-	·03		18
19	-	-	·17	-	·04	·01	-	-	·14	·06	-	-		19
20	-	-	·03	-	·04	·01	-	-	·02	-	-	tr.		20
21	-	-	-	-	-	·24	-	-	·10	·06	-	-		21
22	-	-	-	-	-	-	-	·20	·24	-	·10	-		22
23	-	-	·13	·08	-	-	·53	-	-	·05	-	·06		23
24	-	·13	·06	·08	-	·12	·12	-	·04	·02	-	·02		24
25	·02	-	-	·01	-	-	-	-	·05	·18	-	·37		25
26	·13	-	-	·27	-	·02	·02	-	·10	-	-	·01		26
27	-	·66	-	·72	-	·11	-	-	·01	·13	-	·12		27
28	-	-	-	·16	-	·02	-	·14	-	·07	-	·35		28
29	-	-	·05	-	-	-	-	·04	·37	·03	-	·08		29
30	-	×	-	-	-	-	·22	-	·01	·20	-	·10		30
31	-	×	-	×	-	×	-	·06	×	·01	×	-		31
													Year's Total.	
TOTAL	1·74	0·80	2·82	2·52	0·83	0·89	1·86	1·06	1·65	1·63	1·92	3·91	21·63 ✓	
* Days with .01 in. or more.	11	3	19	14	10	11	7	12	14	18	9	24	152	
* Days with .04 in. or more.	8	2	17	10	9	5	5	9	11	13	9	17	115	

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† Spare column, no entries required.

(*Signed*) Vincent Turner [P.T.O.

* See Instruction 2 (f) on other side.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3129

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Ulley Reservoir No 3.
in the County of York.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 132.27 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·17	-	·48	-	-	·07	tr.	-	1·03	·11	·16	·19		1
2	-	tr.	·02	·02	-	·43	-	-	-	·45	tr.	-		2
3	-	·08	·20	·02	-	·18	-	-	-	·24	·19	-		3
4	-	-	-	·02	-	·24	-	-	-	·37	-	-		4
5	tr.	·21	·09	·02	-	·40	-	-	-	tr.	·10	-		5
6	·05	tr.	tr.	·01	-	·33	-	-	-	-	-	-		6
7	·08	-	-	·12	-	·44	-	-	-	·22	·39	·14		7
8	tr.	-	·01	·06	-	·09	-	·81	-	·01	·12	·16		8
9	-	-	-	·17	-	·16	-	-	-	·64	·06	·01		9
10	·01	-	-	·23	-	tr.	-	-	-	·07	·01	-		10
11	·30	-	-	-	-	tr.	-	-	-	tr.	-	·10		11
12	-	·06	-	-	-	·04	-	-	-	-	-	-		12
13	·05	·02	-	·10	·12	·02	-	-	-	-	·01	-		13
14	-	-	-	·33	·09	·02	-	-	·25	-	·87	·16		14
15	-	·12	-	·38	·01	-	·05	-	-	-	·17	·16		15
16	-	·40	·16	tr.	·01	·20	-	-	·36	-	·85	-		16
17	tr.	·01	tr.	·10	-	·29	·45	-	·02	-	·68	-		17
18	·04	-	-	·24	-	·05	·04	·28	·16	·12	·02	-		18
19	·02	tr.	-	·08	-	·09	·03	-	-	·14	·32	tr.		19
20	·01	·02	-	·55	-	·03	-	-	-	-	·48	-		20
21	-	·82	tr.	·03	-	-	-	-	·50	-	·16	-		21
22	-	·06	·03	-	-	-	-	-	·02	-	·03	-		22
23	-	·81	·15	·02	-	-	-	1·08	·05	·16	-	-		23
24	·12	·19	·10	-	-	-	-	-	1·25	-	·01	·28		24
25	·11	-	-	-	-	·02	-	-	-	-	-	·03		25
26	·11	-	-	-	-	-	·01	·58	·27	·03	·06	·40		26
27	-	·21	-	-	·03	-	-	-	·17	·01	·04	·80		27
28	·05	·02	-	-	-	-	-	·13	·01	·06	-	·03		28
29	·03		·02	-	-	-	-	-	·08	·07	·01	·13		29
30	·03		-	-	-	-	-	·09	-	·31	·47	·02		30
31	-		-		-		-	-		·37		·14		31
													Year's Total	
TOTAL	1·18	3·03	1·26	2·50	0·26	3·10	0·58	2·97	4·17	3·38	5·21	2·75	30·39	
* Days with .01 in. or more.	15	14	10	18	5	18	5	6	13	17	22	15	158	
* Days with .04 in. or more.	10	10	6	11	2	14	3	6	10	14	16	11	113	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Vincent Turner

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3129

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936

Kept at Ulley Reservoir No. 3.

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 132·27 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	·22	·05	·34	–	tr.	·02	·16	–	–	·06	·09		1
2	·05	tr.	·10	·03	–	·64	·12	·01	–	–	·25	·13		2
3	·02	·03	–	–	–	·19	–	–	·16	–	–	·02		3
4	·01	·07	tr.	–	tr.	·08	–	–	·11	–	·11	·11		4
5	·08	·01	·24	–	·01	–	–	·16	·01	–	–	·18		5
6	–	–	–	–	·01	·01	·13	·13	·41	–	·12	–		6
7	·22	–	·01	–	tr.	–	·64	–	·10	·02	·02	–		7
8	·11	–	·06	–	–	–	·01	–	–	–	·13	–		8
9	·27	–	·05	–	–	·06	1·04	·01	–	–	·18	–		9
10	–	–	–	tr.	–	–	·63	·26	·05	–	·04	–		10
11	–	–	–	·12	–	tr.	·06	·11	–	–	·40	–		11
12	–	–	–	·13	·01	·88	·33	–	·40	–	·07	·12		12
13	–	–	–	·09	–	·15	·07	–	·29	·05	–	·50		13
14	–	–	–	·13	–	·07	tr.	–	·21	–	·06	·12		14
15	·27	–	·03	·14	–	–	tr.	·10	·12	–	·14	·08		15
16	·13	·05	–	·03	–	–	·02	–	–	–	·48	–		16
17	·01	·51	–	–	·16	–	·07	–	–	–	·02	·11		17
18	–	·10	–	–	–	–	·12	·01	–	·28	·01	–		18
19	·38	·08	–	·11	–	·17	·01	·40	–	·15	–	–		19
20	·05	·14	·08	–	–	·12	–	–	·02	tr.	–	–		20
21	–	–	·02	·11	–	·04	–	–	–	–	–	–		21
22	·02	·36	·14	–	·08	·28	·24	–	–	–	–	–		22
23	–	·02	·12	·03	·07	–	·38	–	–	–	–	–		23
24	–	·07	tr.	–	·18	–	–	–	·18	·18	–	–		24
25	·18	–	·05	·05	–	–	·03	–	·39	–	–	–		25
26	·02	·03	·43	–	–	–	–	–	·05	·32	·06	–		26
27	·17	–	·01	–	–	–	–	–	·17	·24	–	–		27
28	·28	·66	·08	–	–	–	·11	–	·02	–	·04	·09		28
29	·22	·33	·14	–	–	·24	–	–	–	·06	·34	·18		29
30	·06	✕	–	–	·66	·05	·12	–	–	·62	·01	·01		30
31	–	✕	·03	✕	–	✕	·01	–	✕	–	✕	·06		31
TOTAL	2·55	2·68	1·64	1·31	1·18	2·98	4·16	1·35	2·69	1·92	2·54	1·80	Year's Total 26·80	
* Days with .01 in. or more.	19	15	17	12	8	14	20	10	16	9	19	14	173	
* Days with .04 in. or more.	14	11	12	9	5	13	14	7	13	8	15	12	133	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Vincent Turner [P.T.O.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3129

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at ULLEY RESERVOIR No 3

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Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 132·27 ft.

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Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·14	·04	·02	—	—	—	tr.	—	·08	—	·04	·11		1
2	·01	·06	tr.	·21	—	—	—	—	—	—	—	1·90		2
3	—	·04	—	·13	·01	—	·01	—	—	—	—	·14		3
4	·07	·03	·04	·08	—	—	—	—	—	—	—	·37		4
5	·33	tr.	·15	—	—	—	—	—	—	—	—	·03		5
6	·04	—	·04	·01	·31	—	—	—	—	—	·04	·19		6
7	—	·44	—	·16	·09	—	—	—	—	—	·03	tr.		7
8	—	·51	—	·01	—	—	—	—	—	—	·11	tr.		8
9	—	·24	—	·06	·22	—	·50	·04	—	—	—	·03		9
10	·01	·02	·07	·12	·02	·06	—	—	—	—	—	·26		10
11	—	—	·90	—	·92	—	—	·16	—	—	—	·06		11
12	·16	·29	·03	—	·31	·11	—	—	·14	—	—	·14		12
13	—	·04	—	—	·01	1·12	—	·02	·06	—	—	·15		13
14	—	tr.	·50	tr.	—	·01	—	·01	·02	—	—	·13		14
15	·18	·15	—	·31	—	—	1·50	—	tr.	—	—	·01		15
16	—	·10	·30	·50	—	—	—	·08	·23	—	—	—		16
17	·25	·03	·32	·14	—	—	—	—	·80	—	—	—		17
18	1·10	—	·07	tr.	—	—	—	—	·02	—	·54	—		18
19	—	·02	·08	tr.	—	·10	·21	—	tr.	—	·34	—		19
20	·28	·13	—	·32	·57	—	—	—	tr.	—	—	—		20
21	·05	—	·01	—	—	—	·28	—	—	·08	—	—		21
22	—	—	—	—	·01	—	·01	—	—	·23	·23	—		22
23	·34	—	—	—	·05	—	·12	—	—	1·43	·37	—		23
24	·19	·38	·01	—	·01	—	—	—	·04	·26	—	—		24
25	·09	·36	·08	—	·01	—	—	—	tr.	·28	—	—		25
26	—	·22	·07	—	·37	tr.	—	—	—	—	—	·04		26
27	—	·22	·01	·20	—	—	—	—	—	·58	—	·03		27
28	—	·24	·05	—	—	tr.	—	—	—	—	—	—		28
29	·09	×	—	—	—	—	—	—	—	tr.	·02	·05		29
30	·35	×	—	—	—	·04	—	·09	—	tr.	—	·04		30
31	·35	×	—	×	—	×	—	—	×	·25	×	·03		31
TOTAL	4·03	3·56	2·75	2·25	2·91	1·44	2·63	0·40	1·39	3·11	1·72	3·41	Year's Total 29·90	✓ ✓
* Days with .01 in. or more.	18	20	18	13	14	6	7	6	8	7	9	18	144	✓ ✓
* Days with .04 in. or more.	16	16	13	11	8	5	5	4	6	7	7	13	111	✓ ✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) Vincent Turner /pp

P.T.O.

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Section **A** for the entry of Daily Observations — Station No. 3129

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.03	tr.	—	—	0.07	0.60	0.17	—	—	0.05	—	0.16		1
2	0.03	—	—	0.02	0.04	0.07	—	—	0.02	0.04	0.07	—		2
3	0.04	—	—	—	—	0.03	—	—	0.16	1.22	0.04	—		3
4	0.04	—	—	—	—	0.03	0.02	—	—	0.28	0.08	0.14		4
5	—	—	—	—	—	—	0.04	0.23	—	0.24	—	tr.		5
6	0.02	—	—	—	—	—	0.42	0.34	0.02	0.07	—	tr.		6
7	0.10	—	—	—	—	—	0.09	0.04	0.48	0.03	—	0.03		7
8	0.35	—	—	—	—	—	0.18	—	—	0.40	—	0.03		8
9	0.08	0.03	—	—	—	0.13	0.02	0.59	0.01	—	—	0.34		9
10	—	0.03	—	—	—	—	0.35	—	—	—	tr.	0.04		10
11	0.32	—	—	—	—	—	0.03	—	—	0.03	0.02	0.03		11
12	0.09	0.02	—	—	0.06	—	tr.	0.25	—	0.40	0.04	0.42		12
13	0.04	0.04	—	—	—	—	—	0.16	tr.	—	0.09	—		13
14	0.21	—	—	—	0.05	—	0.54	—	0.14	—	—	—		14
15	0.25	—	—	—	—	—	0.30	—	—	tr.	0.02	0.42		15
16	0.13	—	0.01	—	—	—	0.44	—	—	0.03	0.05	0.17		16
17	—	0.01	—	—	0.31	—	0.11	—	—	0.10	—	—		17
18	—	tr.	—	—	0.11	0.12	—	0.01	—	—	0.29	—		18
19	—	tr.	—	—	tr.	—	—	0.04	0.05	—	tr.	0.09		19
20	—	—	—	—	—	—	—	—	tr.	—	0.32	0.16		20
21	—	—	—	—	—	—	—	—	0.02	—	0.01	0.12		21
22	—	—	—	—	—	—	—	—	—	—	0.36	0.15		22
23	—	—	—	—	—	0.05	0.02	—	0.40	—	0.24	—		23
24	—	—	0.08	—	—	tr.	0.02	0.06	0.23	—	0.09	—		24
25	0.04	0.10	—	—	—	—	—	0.01	—	0.22	0.73	0.14		25
26	—	0.53	0.08	—	—	0.22	—	—	0.13	0.04	tr.	0.02		26
27	0.02	0.01	—	—	0.06	0.07	0.18	0.36	0.06	0.01	0.19	—		27
28	0.14	—	—	—	0.52	0.12	0.07	0.57	0.29	0.04	—	0.01		28
29	0.11	✕	—	0.02	0.46	—	0.03	—	—	tr.	0.14	0.02		29
30	0.03	✕	—	—	0.01	0.01	—	—	0.11	—	0.10	—		30
31	0.16	✕	—	✕	0.20	✕	—	0.03	✕	0.17	✕	0.64		31
TOTAL	2.23	0.77	0.17	0.04	1.89	1.45	3.03	2.69	2.12	3.37	2.88	3.13	Year's Total 23.77	✓
* Days with .01 in. or more.	20	8	3	2	11	11	18	13	14	17	18	19	154	✓
* Days with .04 in. or more.	15	3	2	—	10	8	12	10	10	13	15	13	111	✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*)

P.T.O.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3129

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Ulley Reservoir No. 3.

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 132·27 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	Trace	—	0.02	0.08	—	—	—	0.28	0.02	—	Trace	0.01		1
2	0.04	—	—	0.08	—	—	—	0.18	1.28	—	0.03	—		2
3	0.19	—	—	0.21	—	—	0.03	0.33	—	—	0.23	0.12		3
4	0.21	—	0.27	0.34	—	—	0.02	0.48	—	0.06	0.04	0.98		4
5	—	—	—	—	0.04	—	0.29	0.09	—	0.14	0.34	0.28		5
6	0.37	—	—	—	—	—	0.44	—	—	—	0.09	—		6
7	0.01	0.09	0.03	—	—	—	0.05	—	—	0.01	0.36	0.16		7
8	0.07	0.08	0.06	—	—	—	0.22	0.12	—	—	0.02	—		8
9	0.03	0.07	—	—	—	—	—	0.18	—	0.75	—	0.13		9
10	0.58	—	—	—	—	—	—	—	—	0.03	—	—		10
11	0.06	—	0.20	—	0.04	0.25	—	0.06	0.06	—	—	0.02		11
12	0.08	0.01	0.01	—	—	0.15	—	—	—	—	—	—		12
13	—	—	—	0.03	0.05	0.18	0.05	—	—	0.20	—	—		13
14	0.53	—	—	0.08	0.31	0.13	0.42	—	—	0.24	0.04	0.02		14
15	0.09	—	—	—	0.29	0.30	0.46	—	0.02	—	0.04	—		15
16	—	—	0.28	—	0.68	0.02	0.13	—	—	—	0.05	—		16
17	1.10	—	—	0.24	0.09	—	0.03	—	—	0.20	0.03	—		17
18	0.07	—	0.04	—	—	0.16	0.19	—	0.05	—	1.05	—		18
19	0.22	—	—	—	—	0.26	0.12	0.01	—	—	—	0.02		19
20	—	—	—	—	—	0.04	0.16	0.60	0.27	—	—	—		20
21	0.11	0.22	0.18	0.01	0.06	0.26	0.39	0.01	0.21	—	—	—		21
22	0.12	0.25	0.04	—	—	—	0.08	—	0.02	—	0.17	—		22
23	0.02	—	0.01	0.11	—	0.11	0.04	—	—	0.16	0.43	—		23
24	0.07	—	0.06	0.01	—	Trace	0.13	—	—	—	—	—		24
25	0.67	—	0.10	Trace	—	—	—	0.54	—	—	0.76	0.10		25
26	0.02	—	Trace	—	—	—	—	—	—	0.02	0.04	—		26
27	0.05	0.06	0.43	0.04	—	0.07	0.01	—	—	0.33	0.05	—		27
28	0.04	0.13	0.25	0.17	—	—	0.14	0.03	—	0.01	0.16	—		28
29	—	×	—	0.14	—	—	0.46	—	—	0.30	0.02	—		29
30	—	×	—	—	—	—	—	—	—	—	0.09	—		30
31	—	×	—	×	—	×	0.11	0.05	×	0.06	×	—		31
TOTAL	4.75	0.91	1.98	1.54	1.56	1.93	3.97	2.96	1.93	2.51	4.04	1.84	Year's Total 29.92	
* Days with .01 in. or more.	23	8	15	13	8	12	22	14	8	14	20	10	167	
* Days with .04 in. or more.	19	7	11	10	8	11	18	11	5	10	16	6	132	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3129

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40

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Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

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Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	0.10	tr.	0.01	—	—	—	—	—	—	0.20	—		1
2	—	0.02	—	0.27	—	—	0.02	—	—	—	0.33	0.04		2
3	—	0.21	—	0.01	—	—	—	—	—	—	0.07	—		3
4	—	0.12	—	—	—	—	—	—	—	0.06	0.38	0.03		4
5	—	—	—	—	0.18	—	0.14	—	—	0.15	0.29	0.25		5
6	0.10	0.19	—	—	—	—	—	—	—	0.86	0.02	0.04		6
7	—	0.21	—	0.08	0.05	—	0.11	—	—	—	—	—		7
8	—	—	—	0.03	—	—	—	—	—	0.13	—	0.10		8
9	—	—	0.19	—	—	—	—	—	—	0.06	0.70	—		9
10	—	—	—	—	—	—	1.30	—	—	—	0.06	0.25		10
11	—	0.04	0.01	—	—	—	0.15	—	—	—	0.69	—		11
12	—	—	0.17	—	—	—	0.03	—	0.10	—	0.25	—		12
13	—	0.04	0.30	—	—	—	—	—	0.13	—	—	—		13
14	—	—	—	0.05	0.23	—	0.65	—	—	—	—	—		14
15	—	—	—	—	0.01	—	—	—	—	0.06	0.16	—		15
16	0.10	0.16	0.10	—	—	—	0.66	—	0.15	1.10	0.60	—		16
17	—	—	0.35	—	—	—	0.35	0.10	0.02	tr.	0.25	—		17
18	0.06	0.27	0.03	1.03	—	—	0.15	—	0.26	—	—	—		18
19	—	0.14	0.07	0.23	—	—	0.34	0.06	0.17	tr.	0.25	0.11		19
20	—	0.01	—	0.16	—	0.04	0.11	—	—	0.07	0.09	—		20
21	—	—	0.03	—	—	0.60	0.06	—	—	0.11	1.02	—		21
22	—	—	0.02	—	0.15	0.06	—	—	0.16	0.05	—	0.02		22
23	—	0.08	0.02	—	0.10	0.05	—	—	—	0.03	0.09	0.07		23
24	0.09	—	—	—	—	—	0.09	—	—	0.13	—	0.02		24
25	0.02	—	—	0.01	—	—	—	—	—	0.09	—	—		25
26	0.64	0.02	—	—	0.05	—	—	0.02	—	0.05	—	—		26
27	1.15	0.08	—	—	—	—	0.04	—	—	—	—	—		27
28	0.80	0.60	—	—	0.15	—	—	—	—	—	—	—		28
29	—	—	0.11	—	—	—	—	—	—	—	—	0.15		29
30	0.15	✗	—	0.38	—	—	—	—	—	0.19	—	0.26		30
31	0.11	✗	0.07	✗	—	✗	—	—	✗	1.10	✗	0.22		31
TOTAL	3.22	2.29	1.47	2.26	0.92	0.75	4.20	0.18	0.99	4.24	5.45	1.56	Year's Total 27.53	
* Days with .01 in. or more.	10	16	13	11	8	4	15	3	7	16	17	13	133	
* Days with .04 in. or more.	9	13	8	7	7	4	13	2	6	15	16	10	110	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

P.T.O.

3130

3130

SHEFIELD, SEWAGE WKS.

1931 — 40

780507

Section A for the entry o

AIR MINISTR

OPY FOR OFFICIAL USE.

ORGANIZATION.

FORM 1090.

REGIS

Kept at Sheffield Sew

in the County of

Diameter of Funnel of Gauge

Height of top of Gauge above Grou

,, Ground ,, Sea

THE MORNING MEAS

An observer who does not conform t

year in the space on the right of th

llowing

Jan. 1, following

Date	Jan.	Feb.	March								Nov.	Dec.	Date
	in.	in.	in.								in.	in.	
1	0·010	0·020	SNOW. 0·020	0·010	—	0·060	—	—	0·020	TRACE	TRACE	—	1
2	—	—	—	0·500	0·030	0·550	—	—	0·410	—	0·010	0·010	2
3	—	—	—	0·090	—	0·010	0·020	—	1·340	—	0·260	0·040	3
4	0·010	SNOW 0·120	—	0·080	—	—	0·340	0·530	0·950	—	0·020	0·050	4
5	—	SNOW TRACE	—	—	0·100	1·040	—	0·450	0·050	—	—	0·240	5
6	—	0·205	—	—	—	0·110	1·055	—	0·010	0·120	0·085	—	6
7	—	TRACE	SNOW 0·020	—	—	0·500	—	1·200	—	0·015	0·230	—	7
8	—	0·020	SNOW 0·010	TRACE	0·035	TRACE	0·015	0·610	—	0·010	0·190	—	8
9	—	0·250	—	0·140	0·050	0·190	0·030	0·210	0·010	—	0·305	—	9
10	—	0·040	SNOW 0·035	—	TRACE	TRACE	—	0·045	TRACE	—	0·090	—	10
11	0·010	0·240	—	—	—	—	0·010	—	0·200	—	TRACE	—	11
12	0·035	0·060	—	—	—	—	0·620	—	—	0·035	0·015	—	12
13	—	—	—	—	—	0·015	TRACE	0·130	0·020	—	—	—	13
14	TRACE	0·055	—	—	TRACE	0·545	0·900	0·810	—	—	0·610	—	14
15	0·010	0·050	—	0·045	TRACE	—	0·080	0·015	0·020	—	TRACE	0·020	15
16	0·180	0·110	—	0·040	0·120	0·825	—	0·245	0·145	—	—	—	16
17	—	0·165	—	RAIN&SNOW 0·555	0·040	0·065	0·040	0·010	—	—	TRACE	—	17
18	0·010	0·020	—	0·330	—	0·210	0·300	0·050	—	—	0·605	—	18
19	0·050	TRACE	—	0·090	—	TRACE	0·020	0·040	0·080	0·045	—	0·010	19
20	0·010	0·060	0·010	0·065	—	—	TRACE	0·390	—	—	TRACE	0·010	20
21	0·080	0·020	—	TRACE	0·395	—	—	—	—	—	0·140	—	21
22	0·010	—	—	—	0·100	—	—	—	—	—	0·010	—	22
23	0·640	TRACE	—	0·060	0·480	0·160	0·120	—	—	—	0·180	—	23
24	0·060	0·010	—	0·215	0·430	TRACE	0·140	—	—	—	TRACE	0·010	24
25	0·040	0·025	—	0·335	—	—	0·530	—	—	—	0·010	—	25
26	0·010	0·030	—	0·090	0·190	—	0·060	—	—	—	0·145	—	26
27	0·040	RAIN &SNOW. 0·195	—	—	0·025	—	TRACE	—	—	0·150	0·200	0·180	27
28	0·135	SNOW. 0·165	—	0·030	0·140	TRACE	—	—	0·010	—	TRACE	0·080	28
29	0·230	—	—	—	0·250	—	0·125	—	—	0·090	0·030	0·020	29
30	0·015	×	—	—	0·020	—	—	—	—	0·010	—	—	30
31	RAIN +SNOW 0·260	×	—	×	—	×	0·010	—	×	0·010	×	—	31
TOTAL	1·905	1·860	0·095	2·435	2·465	4·310	4·445	4·825	3·325	0·515	3·165	0·400	YEAR'S TOTAL 30·345
*Days with ·01 in. or more.	20	20	5	16	15	13	18	14	13	9	18	11	142
*Days with ·04 in. or more.	10	13	–	14	11	11	12	12	4	4	12	5	110

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*See Instruction 2 (*f*) on other side.

(Signed) John Haworth

[P.T.O.

3130

Section **A** for the entry o

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Sheffield Sewage Disposal Wks.
in the County of York
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 2 ft 0 in.
,, Ground ,, Sea Level 90 ft.

SEWAGE DISPOSAL
Dept.
30 DEC 1931

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.010	0.020	SNOW. 0.020	0.010	—	0.060	—	—	0.020	TRACE	TRACE	—	1
2	—	—	—	0.500	0.030	0.550	—	—	0.410	—	0.010	0.010	2
3	—	—	—	0.090	—	0.010	0.020	—	1.340	—	0.260	0.040	3
4	0.010	SNOW 0.120	—	0.080	—	—	0.340	0.530	0.950	—	0.020	0.050	4
5	—	SNOW TRACE	—	—	0.100	1.040	—	0.450	0.050	—	—	0.240	5
6	—	0.205	—	—	—	0.110	1.055	—	0.010	0.120	0.085	—	6
7	—	TRACE	SNOW 0.020	—	—	0.500	—	1.200	—	0.015	0.230	—	7
8	—	0.020	SNOW 0.010	TRACE	0.035	TRACE	0.015	0.610	—	0.010	0.190	—	8
9	—	0.250	—	0.140	0.050	0.190	0.030	0.210	0.010	—	0.305	—	9
10	—	0.040	SNOW 0.035	—	TRACE	TRACE	—	0.045	TRACE	—	0.090	—	10
11	0.010	0.240	—	—	—	—	0.010	—	0.200	—	TRACE	—	11
12	0.035	0.060	—	—	—	—	0.620	—	—	0.035	0.015	—	12
13	—	—	—	—	—	0.015	TRACE	0.130	0.020	—	—	—	13
14	TRACE	0.055	—	—	TRACE	0.545	0.900	0.810	—	—	0.610	—	14
15	0.010	0.050	—	0.045	TRACE	—	0.080	0.015	0.020	—	TRACE	0.020	15
16	0.180	0.110	—	0.040	0.120	0.825	—	0.245	0.145	—	—	—	16
17	—	0.165	—	RAIN+SNOW 0.555	0.040	0.065	0.040	0.010	—	—	TRACE	—	17
18	0.010	0.020	—	0.330	—	0.210	0.300	0.050	—	—	0.605	—	18
19	0.050	TRACE	—	0.090	—	TRACE	0.020	0.040	0.080	0.045	—	0.010	19
20	0.010	0.060	0.010	0.065	—	—	TRACE	0.390	—	—	TRACE	0.010	20
21	0.080	0.020	—	TRACE	0.395	—	—	—	—	—	0.140	—	21
22	0.010	—	—	—	0.100	—	—	—	—	—	0.010	—	22
23	0.640	TRACE	—	0.060	0.480	0.160	0.120	—	—	—	0.180	—	23
24	0.060	0.010	—	0.215	0.430	TRACE	0.140	—	—	—	TRACE	0.010	24
25	0.040	0.025	—	0.335	—	—	0.530	—	—	—	0.010	—	25
26	0.010	0.030	—	0.090	0.190	—	0.060	—	—	—	0.145	—	26
27	0.040	RAIN +SNOW. 0.195	—	—	0.025	—	TRACE	—	—	0.150	0.200	0.180	27
28	0.135	SNOW. 0.165	—	0.030	0.140	TRACE	—	—	0.010	—	TRACE	0.080	28
29	0.230	—	—	—	0.250	—	0.125	—	—	0.090	0.030	0.020	29
30	0.015	×	—	—	0.020	—	—	—	—	0.010	—	—	30
31	RAIN +SNOW 0.260	×	—	×	—	×	0.010	—	×	0.010	×	—	31
TOTAL	1.905	1.860	0.095	2.435	2.465	4.310	4.445	4.825	3.325	0.515	3.165	0.400	YEAR'S TOTAL 30.345
*Days with ·01 in. or more.	20	20	5	16	15	13	18	14	13	9	18	11	142
*Days with ·04 in. or more.	10	13	–	14	11	11	12	12	7	4	12	5	110

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*See Instruction 2 (*f*) on other side.

(*Signed*) John Haworth

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** **for the entry of Daily Observations.**

Station No. 3130

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FORM 1090.

REGISTER OF RAINFALL IN 1932.

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Diameter of Funnel of Gauge 5 in.

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1	0.050	0.030		0.080	0.500	TRACE	0.095	0.020	0.230	0.110			1
2	0.040				0.300			TRACE	0.125	0.045	TRACE	0.110	2
3				0.320	TRACE		0.175		TRACE	0.020		0.185	3
4	TRACE	TRACE		0.130	TRACE	TRACE	TRACE			TRACE	0.115	0.010	4
5	0.180		0.090	TRACE	0.075			TRACE	0.035				5
6	0.610	TRACE	SLEET 0.090	0.200	TRACE		0.050		0.050		0.010		6
7			0.125	0.145			TRACE		0.150	0.200	0.015		7
8		TRACE	TRACE	0.075					0.115	0.075	TRACE		8
9	0.060	SNOW 0.070	TRACE	0.090					TRACE	TRACE		TRACE	9
10	0.105	SNOW 0.015		0.050					0.095	0.100		0.130	10
11	0.030	SNOW 0.010	SNOW TRACE	0.060	0.070	0.060	0.935			0.090	0.025		11
12	0.100	SNOW TRACE		0.010	0.030		0.035			0.165	0.025	0.010	12
13	0.040	0.080		0.070	0.015		0.710	TRACE	TRACE	0.445	0.040	0.020	13
14	0.090			0.045			0.200	TRACE		0.020	0.100	0.020	14
15				0.015	0.230					0.045	0.010	0.035	15
16	0.200		TRACE	0.205	0.050		0.170			TRACE	0.015		16
17				TRACE			0.055		0.010	0.230			17
18					TRACE								18
19		0.010		0.065				0.020		0.065		0.010	19
20				0.050	0.810		TRACE	0.870		0.180	0.020		20
21			0.170	0.060	2.220		0.020	0.290		0.480		0.060	21
22	TRACE		0.250	0.030	0.670		0.055	TRACE	0.285		0.300	0.010	22
23		0.020		0.090	0.090		0.020			0.140	0.060	0.020	23
24	0.020			TRACE	TRACE		0.045		0.040	TRACE	0.120		24
25	TRACE	0.020			0.010		0.030			0.230			25
26		TRACE	0.010	0.130	0.460		0.010		TRACE	0.180	0.290	0.010	26
27			0.270	0.100	0.370	0.065	0.020				0.070	[illegible]	27
28			0.060	0.200	0.140		0.220	0.980				0.010	28
29			0.175	0.070	0.350	0.020	TRACE	0.095	0.155	0.410		0.110	29
30		×	0.035	0.040	0.010	0.305		0.065	0.180	0.020	0.170	0.170	30
31		×	0.055	×	0.020	×	0.260	0.025	×		×	0.050	24.85 31
TOTAL	1.525	0.255	1.330	2.320	6.420	0.450	3.105	2.365	1.470	3.250	1.385	0.970	YEAR'S TOTAL 24.845
*Days with ·01 in. or more.	12	8	11	24	19	4	18	8	12	20	16	17	169
*Days with .04 in. or more.	10	2	9	21	14	3	12	5	10	17	9	7	119

40-9999

*See Instruction 2 (*f*) on other side,

(*Signed*) John Haworth
General Manager.

P.T.O.

COPY FOR OFFICIAL USE.

Station No. 3130

Section A for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at City of Sheffield Sewage Works
in the County of Yorkshire
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 2 ft 0 in.
,, Ground ,, Sea Level 90 ft.

Station Number.3130.

File Number. 743I05/27.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	0.180	0.165	0.140	-	0.010	-	-	-	-	-	0.020	-		1
2	0.190	-	0.340	-	-	-	-	-	-	TRACE	0.125	-		2
3	0.015	0.090	0.110	-	0.250	-	-	-	-	-	0.050	-		3
4	0.090	0.030	0.050	-	0.160	-	-	-	-	TRACE	TRACE	-		4
5	0.110	TRACE	0.150	-	0.100	-	-	-	-	-	-	-		5
6	TRACE	0.120	0.010	-	0.455	-	-	-	-	-	-	0.050		6
7	-	0.050	0.010	-	0.120	-	0.195	-	-	0.580	-	0.025		7
8	0.010	0.030	0.040	-	0.015	-	0.500	-	-	0.010	-	-		8
9	-	0.080	TRACE	-	-	-	0.270	-	-	0.600	-	-		9
10	-	0.105	-	-	-	0.070	TRACE	-	-	2.250	0.025	-		10
11	-	-	-	-	TRACE	-	0.070	-	-	0.110	-	-		11
12	TRACE	-	-	-	-	0.070	0.080	-	-	-	-	0.075		12
13	-	-	-	-	0.390	-	0.070	0.025	0.045	0.045	0.025	-		13
14	TRACE	-	-	-	0.015	-	-	TRACE	-	0.010	0.275	-		14
15	RAIN, SNOW 0.790	-	-	-	0.010	0.020	-	0.065	-	0.225	0.660	0.100		15
16	RAIN + SNOW 0.260	-	0.350	0.040	0.040	0.050	0.170	0.015	-	0.115	0.055	TRACE		16
17	0.100	-	0.800	-	0.020	0.010	-	-	0.030	TRACE	0.160	TRACE		17
18	RAIN + SNOW 0.020	SNOW 0.100	0.085	TRACE	-	0.180	TRACE	-	-	-	0.070	-		18
19	-	SNOW TRACE	0.420	RAIN + SNOW 0.050	-	0.010	-	0.025	0.390	-	0.025	0.020		19
20	-	-	-	-	0.015	0.075	-	0.060	-	-	0.020	-		20
21	-	-	-	-	-	0.180	-	0.115	0.135	-	0.020	-		21
22	-	-	-	-	0.020	TRACE	-	0.170	-	0.770	-	0.025		22
23	TRACE	SNOW 0.010	-	0.080	-	-	-	-	0.415	-	-	-		23
24	-	SNOW 0.300	-	0.195	0.090	0.220	-	-	0.500	TRACE	0.070	0.015		24
25	-	SNOW 1.020	-	0.170	-	0.035	-	-	0.190	-	0.030	0.060		25
26	-	RAIN + SNOW 1.060	-	0.025	-	-	-	-	0.045	0.100	TRACE	-		26
27	-	0.030	-	TRACE	0.200	-	-	-	0.050	0.125	-	-		27
28	-	-	-	0.040	0.050	-	0.040	-	TRACE	0.220	-	-		28
29	0.020	-	-	0.280	-	-	-	-	TRACE	0.200	-	-		29
30	0.055	X	0.060	0.670	-	-	0.020	-	-	0.025	-	0.055		30
31	0.075	X	0.025	X	-	X	0.015	-	X	0.045	X	-		31
TOTAL	1.915	3.190	2.590	1.550	1.960	0.920	1.430	0.475	1.800	5.430	1.630	0.425 3	Year's Total 23.315	
*Days with ·01 in. or more.	13	14	14	9	17	11	10	7	9	16	15	9	144	
*Days with ·04 in. or more.	9	9	11	8	10	7	8	4	8	13	8	5	100	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) John Haworth
General Manager

P.T.O.

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. 3130

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at City of Sheffield - Sewage Disposal Works

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 110.00 ft.

SEWAGE DISPOSAL Dept.
29 DEC 1934

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	0·020	0·010	-	-	-	-	-	0·055	0·130	0·050	-	0·075		1
2	-	TRACE	-	-	-	-	-	0·050	-	-	0·065	0·175		2
3	-	0·020	0·035	-	-	-	-	-	0·060	0·170	-	-		3
4	0·035	TRACE	0·110	0·500	TRACE	-	-	-	-	0·265	-	0·675		4
5	-	-	0·100	TRACE	0·215	-	-	0·400	-	0·040	0·080	0·050		5
6	-	-	RAIN+SNOW 0·100	-	0·185	0·030	-	0·015	-	0·090	-	0·665		6
7	0·035	-	0·050	-	0·010	0·020	-	-	-	0·035	TRACE	0·200		7
8	-	-	0·010	-	0·130	0·075	-	0·040	-	0·030	0·265	0·040		8
9	-	-	RAIN+SNOW 0·195	0·050	-	-	-	-	-	0·030	0·735	0·165		9
10	0·010	-	0·220	0·200	-	-	-	0·030	-	-	0·130	-		10
11	0·450	-	0·165	0·295	-	-	-	0·040	-	-	TRACE	0·225		11
12	-	-	0·225	0·045	-	-	0·035	0·020	-	-	-	0·070		12
13	0·520	-	0·015	TRACE	TRACE	-	0·455	0·045	-	0·030	-	0·020		13
14	0·030	-	0·275	-	0·040	0·165	-	-	-	0·145	0·180	0·320		14
15	0·250	-	0·125	-	0·145	-	-	-	0·075	0·020	0·130	0·030		15
16	0·225	TRACE	0·075	-	0·125	-	-	-	-	-	0·050	0·065		16
17	0·210	0·020	0·010	-	0·015	-	0·065	-	0·090	0·015	0·030	0·075		17
18	0·085	-	0·215	0·200	-	0·040	TRACE	-	-	-	-	0·015		18
19	-	-	0·120	0·020	0·020	0·015	-	-	0·080	0·015	-	-		19
20	-	-	0·035	-	0·020	0·015	-	-	-	-	-	-		20
21	-	-	-	-	-	0·190	-	-	0·110	0·015	-	-		21
22	-	-	-	-	-	-	-	0·070	0·200	0·025	-	0·015		22
23	-	-	0·060	0·055	TRACE	-	0·450	-	-	0·020	0·085	0·080		23
24	-	0·085	0·130	0·100	-	0·080	0·035	-	0·015	0·050	-	0·020		24
25	0·045	-	-	0·020	-	-	TRACE	-	0·065	0·200	-	0·450		25
26	0·105	-	-	0·145	-	0·030	TRACE	-	0·035	TRACE	TRACE	0·030		26
27	-	RAIN+SNOW 0·490	-	0·445	-	0·140	TRACE	-	0·015	0·100	-	0·210		27
28	-	-	-	0·130	-	0·125	0·010	0·110	-	0·045	-	0·310		28
29	-	-	0·040	-	-	-	-	0·025	0·370	TRACE	-	0·110		29
30	0·045	×	-	-	-	-	0·285	-	0·015	SNOW 0·175	-	0·040		30
31	-	×	-	×	-	×	-	0·110	×	RAIN+SNOW 0·100	×	-		31
													Year's Total	
TOTAL	2·065	0·625	2·310	2·205	0·905	0·925	1·335	1·010	1·260	1·665	1·750	4·130	20·185	
*Days with ·01 in. or more.	14	5	21	13	10	12	7	13	13	22	10	25	165	
*Days with ·04 in. or more.	9	2	16	11	6	7	4	9	9	12	9	19	113	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required

(*Signed*) Jas. H. Edmondson

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3130

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at CITY OF SHEFFIELD - SEWAGE DISPOSA WORKS

in the County of YORKSHIRE

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 110.00 ft.

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Jan. 1, following

Please read the Notes and Instructions Overleaf.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.125	-	0.685	0.065	-	0.050	-	-	0.215	0.025	0.150	R + S 0.275		1
2	TRACE	0.010	0.050	-	-	0.225	-	TRACE	-	0.570	0.010	0.025		2
3	-	0.065	0.065	SNOW 0.035	-	0.050	-	-	-	0.075	0.200	-		3
4	-	TRACE	0.015	SNOW 0.020	-	0.050	TRACE	-	0.015	0.510	TRACE	TRACE		4
5	-	0.200	0.100	0.075	-	0.285	TRACE	-	TRACE	0.020	0.050	-		5
6	0.040	-	-	0.025	-	0.265	-	-	-	-	-	-		6
7	TRACE	TRACE	-	0.055	-	0.365	-	-	-	0.200	0.440	0.090		7
8	-	-	0.015	0.075	-	0.120	-	0.275	-	0.010	0.050	0.135		8
9	-	-	-	0.100	-	0.210	-	-	-	0.580	0.170	0.030		9
10	-	-	-	0.165	-	0.020	-	-	-	0.070	0.210	TRACE		10
11	R + SLEET 0.390	TRACE	-	-	-	0.020	-	0.030	-	0.010	0.125	0.075		11
12	0.025	0.045	-	-	-	0.075	-	-	TRACE	-	-	TRACE		12
13	0.045	0.030	-	0.080	0.115	-	-	-	0.280	-	0.015	-		13
14	-	-	-	0.020	0.155	0.030	0.040	-	0.010	-	0.500	0.080		14
15	-	0.150	-	0.400	0.050	0.040	0.085	-	0.040	-	0.195	0.175		15
16	-	0.580	0.140	0.025	-	0.145	0.055	-	0.510	TRACE	0.640	-		16
17	-	TRACE	-	0.130	TRACE	0.410	0.320	0.300	0.065	0.120	0.700	-		17
18	0.040	-	-	0.160	0.035	0.055	0.045	0.035	0.175	0.160	0.050	-		18
19	0.020	TRACE	-	0.110	-	0.085	0.045	-	-	-	0.275	-		19
20	-	0.095	-	0.590	-	0.055	0.025	-	-	-	0.325	-		20
21	-	R + S 0.630	-	0.010	-	-	-	-	0.480	-	0.095	0.040		21
22	-	0.260	TRACE	-	-	-	-	-	-	-	0.115	-		22
23	-	-	0.200	-	-	-	-	0.870	0.060	0.200	0.010	TRACE		23
24	0.175	0.690	0.070	-	-	-	-	-	1.000	-	-	0.290		24
25	0.175	0.125	-	-	-	0.035	-	-	-	-	0.010	0.070		25
26	0.080	TRACE	-	-	-	-	0.020	0.585	0.290	0.050	0.040	0.310		26
27	-	0.195	-	-	0.020	-	0.010	-	0.235	0.020	0.040	0.780		27
28	0.030	0.025	-	-	0.010	-	-	0.165	0.050	0.020	TRACE	0.210		28
29	TRACE	X	0.025	-	-	-	=	TRACE	0.075	0.075	0.035	0.160		29
30	0.030	X	-	-	-	TRACE	-	0.090	0.080	0.290	R + S 0.470	0.030		30
31	TRACE	X	-	X	-	X	-	0.030	X	0.290	X	0.170		31
TOTAL	1.175	3.100	1.365	2.140	0.385	2.590	0.645	2.380	3.580	3.295	4.920	2.945	Year's Total. 28.520	
* Days with .01 in. or more.	12	14	10	18	6	20	9	9	16	19	25	17	175	
* Days with .04 in. or more.	8	11	7	12	3	16	6	6	14	13	20	14	130	

40-9999

† Spare column, no entries required.

(Signed) J. H. Edmondson

J H EDMONDSON

P.T.O.

* See Instruction 2 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3130

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936

Kept at CITY OF SHEFFIELD - SEWAGE DISPOSAL WORKS

in the County of YORKSHIRE

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 110·00 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Jan. 1, following

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	0·200	0·135	0·440	-	0·050	0·090	0·160	-	0·010	0·080	0·180		1
2	TRACE	SNOW 0·020	0·100	0·040	-	0·600	0·080	0·030	-	0·010	0·280	0·120		2
3	0·015	SNOW 0·050	-	-	-	0·090	TRACE	0·020	0·150	-	TRACE	0·040		3
4	0·020	SNOW 0·065	TRACE	0·010	TRACE	0·100	TRACE	0·005	0·060	0·020	0·230	0·145		4
5	0·110	-	0·350	-	TRACE	TRACE	TRACE	0·145	0·070	-	TRACE	0·300		5
6	-	-	TRACE	-	TRACE	0·010	0·120	0·200	0·380	-	0·160	-		6
7	0·200	-	0·020	-	TRACE	-	0·315	-	0·210	0·010	0·035	0·065		7
8	0·110	-	0·065	-	TRACE	-	0·009	0·020	0·010	TRACE	0·165	-		8
9	0·230	-	0·065	-	0·010	-	0·655	-	-	0·035	0·270	-		9
10	0·050	-	TRACE	0·015	-	TRACE	0·500	0·100	TRACE	-	0·140	0·030		10
11	-	-	TRACE	0·060	-	0·010	0·030	TRACE	-	TRACE	0·460	-		11
12	-	-	-	0·170	0·035	0·775	0·290	TRACE	0·460	-	0·175	0·080		12
13	-	-	-	0·040	-	0·155	0·055	-	0·130	0·010	0·010	0·580		13
14	-	-	-	0·180	-	0·050	0·020	-	0·120	-	0·050	0·165		14
15	SNOW 0·250	0·050	0·015	0·200	0·100	0·020	0·015	0·200	-	-	0·215	0·070		15
16	SNOW 0·115	TRACE	-	0·015	0·010	-	0·030	-	-	-	0·450	0·020		16
17	SNOW 0·025	0·600	-	-	0·045	-	0·040	TRACE	-	0·050	0·025	0·075		17
18	-	0·025	-	-	-	0·015	0·200	0·010	-	0·250	TRACE	0·010		18
19	RAIN & SN 0·410	0·065	-	0·060	-	0·185	0·010	0·295	-	0·130	0·010	-		19
20	0·065	0·195	0·035	-	-	0·310	-	TRACE	0·010	0·030	-	-		20
21	TRACE	-	0·030	0·085	-	0·030	-	-	TRACE	TRACE	-	-		21
22	SNOW 0·020	0·460	0·120	TRACE	0·040	0·730	0·180	-	TRACE	-	0·020	0·010		22
23	TRACE	-	0·175	0.035	0·110	TRACE	0·380	-	-	-	-	-		23
24	0·175	0·065	-	0·035	0·220	-	-	-	0·210	0·260	TRACE	-		24
25	0·140	-	0·040	0·020	TRACE	-	0·030	-	0·335	0·120	0·040	-		25
26	0·020	0·060	0·385	-	-	-	-	-	0·070	0·435	0·020	-		26
27	0·155	-	-	-	-	-	-	-	0·105	0·290	TRACE	-		27
28	0·210	0·730	0·060	-	-	-	0·180	TRACE	-	0·010	0·030	0·075		28
29	0·165	0·420	0·165	-	-	0·280	0·025	-	-	0·040	0·160	0·180		29
30	0·045	✕	-	-	0·800	0·040	0·085	TRACE	-	0·660	0·070	0·035		30
31	-	✕	0·040	✕	0·010	✕	TRACE	-	✕	-	✕	0·090		31
TOTAL	2·530	2·995	1·800	1·405	1·380	3·450	3·339	1·185	2·542	2·360	3·095	2·270	Year's Total 28·351	✓
* Days with .01 in. or more.	20	14	16	15	10	17	21	10	14	17	22	19	195	✓
* Days with .04 in. or more.	14	12	12	9	6	12	14	6	12	9	15	14	135	✓

† Spare column, no entries required.

(*Signed*) J. H. Edmondson

P.T.O.

* See Instruction 3 (f) on other side.

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Section A for the entry of Daily Observations

Station No. 3130

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·080	·070	·250	TRACE	-	-	·030	-	·040	-	·030	·760		1
2	·050	·070	-	·210	-	-	-	-	-	-	TRACE	1·810		2
3	·010	·025	TRACE	·110	·020	-	-	-	-	-	TRACE	·030		3
4	·115	·020	·030	·075	·015	-	-	-	-	-	-	SNOW ·250		4
5	·400	TRACE	·060	·010	-	-	-	-	-	-	-	RAIN & SN ·200		5
6	·015	-	·050	·025	·220	-	·155	-	-	TRACE	·020	SNOW ·170		6
7	TRACE	·370	-	·135	·100	·020	-	-	-	-	·065	SNOW ·020		7
8	TRACE	·445	TRACE	·095	·030	-	·005	-	-	-	·115	·120		8
9	-	·290	-	·045	·250	-	·510	·030	-	-	-	-		9
10	·010	·055	-	·050	·010	·130	·010	-	-	-	·020	·280		10
11	TRACE	-	·975	·010	·830	TRACE	-	-	-	-	-	·030		11
12	·095	·250	·050	-	·320	·140	-	-	·220	-	-	·165		12
13	TRACE	·030	·050	·020	·020	·800	-	·060	·110	-	-	·140		13
14	-	-	·460	·040	TRACE	·015	-	·040	·020	-	-	·160		14
15	·140	·180	-	·280	-	-	1·660	-	·015	-	-	·020		15
16	·010	·130	·240	·450	-	-	-	·060	·300	-	-	·010		16
17	·310	·035	·230	·090	-	-	-	-	·800	-	-	-		17
18	RAIN & SN 1·200	·025	·090	·020	-	·060	·045	TRACE	·030	-	·670	-		18
19	·010	·050	·010	·010	TRACE	·070	·140	·010	TRACE	-	·400	-		19
20	·220	·240	-	·310	·670	TRACE	TRACE	-	·050	-	-	-		20
21	·050	·010	·030	-	-	-	·135	-	TRACE	·020	-	·010		21
22	·020	-	-	-	·030	-	-	-	TRACE	·150	·320	TRACE		22
23	·460	-	-	-	TRACE	-	·145	-	TRACE	1·440	·460	TRACE		23
24	·290	·270	·030	-	·025	-	-	-	·020	·260	·015	TRACE		24
25	·080	·350	·070	-	TRACE	-	-	-	-	·265	-	·030		25
26	TRACE	·185	·110	-	·415	-	-	-	·015	TRACE	-	·030		26
27	-	·040	·020	·170	-	-	-	-	-	·600	-	·030		27
28	-	·270	·010	-	-	·010	-	-	-	·010	-	-		28
29	-	-	·020	TRACE	-	TRACE	-	-	-	·020	·035	·020		29
30	·290	✕	·020	-	-	·035	-	·045	-	·100	·010	·045		30
31	·390	✕	TRACE	✕	-	✕	-	TRACE	✕	·270	✕	·030		31
TOTAL	4·245	3·410	2·805	2·105	2·955	1·280	2·780	0·245	1·620	3·135	2·160	3·760	Year's Total 30·50	✓
* Days with .01 in. or more.	21	22	20	19	14	9	9	6	11	10	12	22	175	✓
* Days with .04 in. or more.	15	16	12	13	7	5	7	4	6	7	6	11	109	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed)

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3130

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at SHEFFIELD

in the County of YORKSHIRE

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 110 ft.

CITY OF
SHEFFIELD
29 DEC 1938
SEWAGE DISPOSAL
DEPARTMENT.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·040	·025	-	-	·010	·500	·800	-	trace	·040	·065	·160		1
2	·030	trace	-	·040	-	·110	-	-	trace	·100	·030	·080		2
3	·030	-	-	trace	-	·020	·065	-	·120	1·010	·050	-		3
4	·060	-	-	-	-	·040	·040	·040	-	·130	·050	·110		4
5	·010	-	-	-	-	·030	·030	·230	·015	·230	-	·020		5
6	·020	·020	-	-	-	-	·300	·140	·010	·050	trace	·010		6
7	·100	trace	-	-	-	-	·220	·050	·370	·035	-	·065		7
8	·400	trace	-	-	-	-	·070	·010	-	·430	-	·040		8
9	·040	·070	-	-	-	·085	·100	·470	-	trace	-	·380		9
10	·010	·020	-	-	-	trace	·490	·015	·020	-	trace	·060		10
11	·280	trace	-	-	-	trace	·020	·010	-	·040	·040	·050		11
12	·090	·030 SN	-	-	·050	trace	·025	·330	-	·430	·060	·010		12
13	·050	·050 SN	-	-	-	-	trace	·350	·020	·090	·070	·280		13
14	·265	·040	-	-	·010	-	·350	·010	·140	·010	-	·020		14
15	·390	·010	-	-	trace	-	·380	-	-	·010	·020	·380		15
16	·080	-	-	-	-	-	·330	·025	-	·030	·060	·210		16
17	trace	·020	·010	-	·415	-	·080	-	·040	·010	trace	-		17
18	·010	trace	-	-	·170	·050	-	·010	·130	·060	·240	-		18
19	-	-	-	-	·010	·020	-	·130	·010	·010	-	-		19
20	·015	trace	-	-	trace	·010	-	-	·020	·010	·290	-		20
21	-	-	·020	-	-	-	-	trace	·015	·015	·020	·150 SN		21
22	-	-	-	-	-	·270	-	-	trace	-	·320	·250 SN		22
23	-	-	-	·010	trace	·060	·010	-	·540	·010	·370	·010		23
24	·030	-	·085	·010	-	trace	trace	·260	·130	·050	·085	-		24
25	·070	·100	·020	-	-	-	trace	·040	·010	·200	·725	·100		25
26	trace	·620	·050	-	-	·020	trace	trace	·150	·080	-	·020		26
27	·030	·030	trace	-	·090	·350	·220	·360	·050	·020	·180	-		27
28	·270	-	-	-	·520	·160	·075	·380	·150	·020	-	·040		28
29	·050		-	·060	·480	·025	·035	·010	·010	-	·110	·030		29
30	·080	✕	-	-	·060	·090	-	-	·210	-	·110	·015		30
31	·150	✕	-	✕	·280	✕	-	·010	✕	·290	✕	·580		31
TOTAL	2·610	1·015	0·185	0·120	2·095	1·840	3·640	2·880	2·160	3·410	2·895	3·070	Year's Total 25·920	
* Days with .01 in. or more.	25	12	5	4	11	16	19	20	20	26	19	24	201	
* Days with .04 in. or more.	16	5	2	2	8	10	14	12	11	15	16	16	127	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) H. Edmondson

General Manager & Engineer.

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3730

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at SHEFFIELD

in the County of YORKSHIRE

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

„ Ground „ Sea Level 110 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·020	–	·030	·080	–	–	·050	·090	·025	–	–	·010		1
2	·030	–	–	·080	–	–	–	·090	1·250	·045	·090	·020		2
3	SNOW ·010	·030	·100	·180	–	–	·010	·260	·020	trace	·185	·190		3
4	SNOW ·010	–	·220	·480	–	–	·060	·320	–	·015	·030	·900		4
5	SNOW ·010	·010	·010	·010	·040	–	·030	·070	–	·120	·230	·150		5
6	·450	trace	–	–	trace	–	·430	–	trace	·040	·155	–		6
7	·260	·080	·050	–	trace	–	·020	–	–	·010	·285	·410		7
8	·110	·070	·160	–	–	–	·140	trace	–	·035	·060	·150		8
9	·020	·080	·010	–	–	–	·020	·140	–	·555	–	·150		9
10	SNOW + RAIN ·320	·010	·030	–	–	–	–	–	–	·060	trace	trace		10
11	SNOW + RAIN ·340	–	·170	–	·030	·320	–	trace	·150	·010	–	–		11
12	·100	·080	·020	–	trace	·100	–	–	trace	–	–	trace		12
13	–	·010	·010	·040	·060	·210	·020	–	trace	·075	–	–		13
14	·720	–	–	·080	·240	·070	·350	–	–	·220	·060	–		14
15	·080	trace	–	–	·410	·260	·330	–	·015	·025	·020	–		15
16	·010	–	·250	·010	·910	·010	·400	–	–	–	·055	–		16
17	1·090	–	·020	·240	·015	–	–	–	·010	·965	·020	–		17
18	·040	·020	·020	·005	–	·240	·120	–	·020	·025	1·110	–		18
19	·150	·010	·010	–	–	·320	·180	–	·025	–	·010	trace		19
20	·020	–	–	–	–	·300	·090	·450	·265	–	–	–		20
21	·080	·150	·190	·020	·035	·350	·080	·020	·215	–	–	–		21
22	·090	·260	·090	[illegible]	–	–	·050	–	·030	·010	·110	–		22
23	·060	·010	·030	·090	–	·070	·035	·010	–	·165	·365	–		23
24	·045	·020	–	·020	·020	·010	·035	–	·010	trace	trace	–		24
25	·520	·010	–	trace	–	–	–	·450	–	–	·550	·020		25
26	·020	·020	·010	–	–	trace	–	–	–	·035	·170	·040		26
27	·040	·065	·450	trace	–	·055	·020	–	·010	·290	·110	–		27
28	·010	·110	·250	·200	–	·035	·130	·010	–	–	·145	–		28
29	·010	–	·010	·090	–	–	·540	–	–	·225	·020	–		29
30	–	✕	–	·010	–	–	·010	–	–	·015	·080	–		30
31	–	✕	–	✕	–	✕	·030	·040	✕	·030	✕	–		31
TOTAL	4·665	1·045	2·140	1·635	1·760	2·350	3·180	1·950	2·045	2·970	3·860	2·040	Year's Total 29·640	
* Days with .01 in. or more.	28	18	22	16	9	14	24	12	13	21	21	10	208	
* Days with .04 in. or more.	17	8	10	10	5	11	14	9	4	11	16	7	122	

* See Instruction 3 (f) on other side.

† Spare column, not entries required.

(*Signed*) H. H. Edmondson [P.T.O.

General Manager, Sewage Dis. Dept.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations
Station No. 3130

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40

Kept at SHEFFIELD Wincobank (S.Y)
in the County of YORKSHIRE
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 6 in.
,, Ground ,, Sea Level 110 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	.040	-	.015	trace	-	-	-	-	-	.230	-		1
2	-	snow	-	.240	-	-	trace	-	-	-	.515	.025		2
3	.025	.030	-	.050	-	-	-	-	-	.100	.050	trace		3
4	-	.070	-	.015	-	-	-	-	-	.090	.360	.030		4
5	-	trace	-	trace	.155	-	.090	-	-	.200	.155	.410		5
6	.050	.250	-	-	trace	-	-	-	-	1.090	.020	.055		6
7	.015	.165	-	.130	.090	-	trace	.010	.020	-	-	.010		7
8	-	trace	-	.040	trace	-	-	-	-	.170	.015	.060		8
9	-	-	.240	.010	-	-	trace	.010	.060	.110	.620	.010		9
10	-	-	trace	-	-	-	1.005	-	-	trace	.110	.340		10
11	-	.010	-	-	-	-	.120	-	-	-	.690	-		11
12	-	trace	.200	-	-	-	.035	-	.050	-	.290	-		12
13	-	.010	.330	-	trace	-	.010	trace	.130	trace	.010	-		13
14	-	-	.050	.080	.200	-	.215	-	.020	-	-	.300		14
15	trace	-	.030	-	.015	-	-	-	-	-	.150	.010		15
16	snow 100	.070	.060	-	-	-	.500	-	.165	.800	.580	.015		16
17	-	-	.345	-	-	-	.355	-	.040	trace	.340	-		17
18	snow .060	.210	.130	1.100	-	-	.090	.035	.100	.040	.040	.060		18
19	-	.240	.040	.240	-	-	.220	-	.170	.020	.165	.015		19
20	-	.010	trace	.190	-	trace	.020	.075	-	.030	.090	-		20
21	snow trace	trace	.020	-	-	.425	.120	tace	.020	.040	1.150	-		21
22	-	-	.030	.010	.175	.080	-	-	.040	.020	-	.040		22
23	-	.070	.050	.010	.090	.040	.010	-	-	.020	.065	.035		23
24	snow .090	-	-	trace	-	-	.035	-	.015	.080	-	.010		24
25	snow .030	.010	-	trace	-	trace	-	-	-	.045	-	-		25
26	snow .650	.015	-	trace	.020	.050	trace	.030	-	.040	-	-		26
27	snow .600	.050	-	-	.025	-	.080	.030	-	trace	.030	-		27
28	snow .240	.670	-	-	.040	-	-	-	-	-	-	trace		28
29	-	-	.100	.015	-	.020	-	-	-	.015	-	.085		29
30	snow .070	✕	.020	.390	-	-	-	-	-	.210	-	.165		30
31	snow .090	✕	.135	✕	-	✕	-	-	✕	.900	✕	snow .160		31
TOTAL	2.020	1.920	1.780	2.535	0.810	0.615	2.905	0.190	0.830	4.020	5.675	1.835	Year's Total 25.135	
* Days with .01 in. or more.	12	16	15	15	9	5	15	6	12	19	21	19	164	
* Days with .04 in. or more.	9	11	11	9	6	4	10	1	8	14	17	10	111	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....
General Manager, Sew. Dis. Dept.

[P.T.O.

Section **A** for the entry

AIR MINIS

FORM 1090. **REGI**

Kept at Sitwell Vale,

in the County of...YORK

Diameter of Funnel of Gauge......

Height of top of Gauge above Gr

,, Ground ,, Sea

THE MORNING MEA

An observer who does not conform
year in the space on the right of

3131

SITWELL VALE

1931 — 40

7f0507

3131

COPY FOR OFFICIAL USE.

ORGANIZATION.

Y.

following

Circ Expend
22/1/32.
re July & Aug.

Jan. 1, following

Date	Jan.	Feb.	March								Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			-10			-17			-04	-04		-01	1
2		-01		-63	-03	-67			-44		-01	-05	2
3				-09		-01	-06		1-33		-21	-08	3
4		-12		-10			-41	-55	-71		-09	-04	4
5		-03			-11	1-01	-14	-40	-05			-27	5
6		-26				-10			-02	-16	-08		6
7			-03			- 54	-09	1-33		-02	-20		7
8		-05	-04	-04	-03	-01	-09	-70		-01	-15		8
9		-23		-26	-05	- 22	-03	-25	-02		-38	-02	9
10	-05	-04	-05		-02	-02		-05	-01		-10		10
11	-01	-25					-02		-25				11
12	-04	-05					-81		-01	-07	-50		12
13						-02	-16	-18	-01				13
14		-06			-01	-51	-48	-70			-66	-01	14
15	-01	-05		-07	-03		-12	-05	-01		-01	-06	15
16	-11	-18		-07	-17	-92		-25	-25				16
17		-18		-40	-08	-06	- 08	-03		-01	-01		17
18	-02	-01		- 28		-17	-41	-05		-01	-63		18
19	-07			-10		-03	-08	-08	-10	-06	-01		19
20		-07	-01	-06			~~-34~~	34				-03	20
21	-08	-01			-38						-19		21
22	-01				-14								22
23	-57			- 08	-68	-18	-12		-01		-17		23
24	-04	-01		-18	-51		-27					-02	24
25	-03	-03		-38			-61				-02		25
26	-02	-03		-15	-82		·03				-18		26
27	-08	-25		-01	-02					-15	-17	-15	27
28	-16	-20		-06	-11				-01			-06	28
29	-27				-24		- 18			-12	-02	-02	29
30		✕		-01	- 04				-02	-01			30
31	-28	✕		✕		✕			✕	-02	✕		31
TOTAL	1-85 ✓	2-12 ✓	-23 ✓	2-97 ✓	3-47 ✓	4-64 ✓	4-19 ✓	4-96 ✓	3-29 ✓	-68 ✓	3-79 ✓	-82 ✓	YEAR'S TOTAL 33-01 ✓
*Days with ·01 in. or more.	17 ✓	21 ✓	5 ✓	18 ✓	18 ✓	16 ✓	19 ✓	14 ✓	17 ✓	12 ✓	20 ✓	13 ✓	190 ✓
*Days with ·04 in. or more.	11 ✓	14 ✓	3 ✓	16 ✓	12 ✓	~~10~~ 11	16 ✓	13 ✓	8 ✓	6 ✓	14 ✓	7 ✓	~~132~~ 131

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) George Howard F.R.Met.Soc.

P.T.O.

3131

Section **A** for the entry [redacted] COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1937.

Kept at Sitwell Vale, (3131)
in the County of YORK,
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. --- in.
,, Ground ,, Sea Level 300 ft.

July & Aug corr by Obsr.
f

150

Circ Expert 29/1/38. re July & Aug

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			-10			-17			-04	-04		-01	1
2		-01		-63	-03	-67			-44		-01	-05	2
3				-09		-01	-06		1-33		-21	-08	3
4		-12		-10			-41	-55	-71		-09	-04	4
5		-03			-11	1-01	-14	-40	-05			-27	5
6		-26				-10			-02	-16	-08		6
7			-03			- 54	-09	1-33		-02	-20		7
8		-05	-04	-04	-03	-01	-09	-70		-01	-15		8
9		-23		-26	-05	- 22	-03	-25	-02		-38	-02	9
10	-05	-04	-05		-02	-02		-05	-01		-10		10
11	-01	-25					-02		-25				11
12	-04	-05					-81		-01	-07	-50		12
13						-02	-16	-18	-01				13
14		-06			-01	-51	-48	-70			-66	-01	14
15	-01	-05		-07	-03		-12	-05	-01		-01	-06	15
16	-11	-18		-07	-17	-92		-25	-25				16
17		-18		-40	-08	-06	- 08	-03		-01	-01		17
18	-02	-01		- 28		-17	-41	-05		-01	-63		18
19	-07			-10		-03	-08	-08	-10	-06	-01		19
20		-07	-01	-06			~~-34~~	34				-03	20
21	-08	-01			-38						-19		21
22	-01				-14								22
23	-57			- 08	-68	-18	-12		-01		-17		23
24	-04	-01		-18	-51		-27					-02	24
25	-03	-03		-38			-61				-02		25
26	-02	-03		-15	-82		·03				-18		26
27	-08	-25		-01	-02					-15	-17	-15	27
28	-16	-20		-06	-11				-01			-06	28
29	-27				-24		- 18			-12	-02	-02	29
30		✕		-01	- 04				-02	-01			30
31	-28	✕		✕		✕			✕	-02	✕		31
TOTAL	1-85	2-12	-23	2-97	3-47	4-64	4-19	4-96	3-29	-68	3-79	-82	YEAR'S TOTAL 33-01
*Days with ·01 in. or more.	17	21	5	18	18	16	19	14	17	12	20	13	190
*Days with ·04 in. or more.	11	14	3	16	12	~~10~~ 11	16	13	8	6	14	7	~~132~~ 131

40-9999

(Signed) George Howard F.R.Met.Soc. P.T.O.

*See Instruction 2 (*f*) on other side.

3131

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3131.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Sitwell Vale,

in the County of York,

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft ..... in.

,, Ground ,, Sea Level 300 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	-09	-03		-08	-60		-05	-01	-27	-09		-05	1
2	-04				-37			-02	-11	-03	-01	-05	2
3				-35			-15			-03		-15	3
4	-01			-14							-17		4
5	-12	-01	-08		-07			-01	-03				5
6	-52		-08	-12			-05		-04				6
7			-10	-14			-02		-12	-18	-02		7
8				-05					-15	-08	-01		8
9	-06	-13	-04	-07	-01							-04	9
10	-11	-05	-01	-05					-10	-20		-14	10
11	-01	-04		-04	-08	-20	-68				-05		11
12	-12				-04		-02			-21	-05		12
13	-06	-03		-06	-02		-65		-01	-32	-07	-04	13
14	-08			-05	-01		-22			-01	-15	-04	14
15				-02	-10					-04		-03	15
16	-16			-33	-06		-04				-01		16
17					-01		-06			-18			17
18													18
19			-01	-09				-02		-07			19
20			-30	-08	-74		-01	-73		-21	-04		20
21			-30	-08	2-75		-08	-48		-47	-01	-07	21
22			-21	-04	-70		-22		-27	-02	-22	-01	22
23				-04	-16		-02			-16	-05	-03	23
24	-02				-03		-55		-04		-10		24
25		-05			-02		-04			-28	-24	-01	25
26		-02	01	-14	-51		-01			-16	-11		26
27			-22	-11	-44	-04	-06					-01	27
28			-08	-24	-19		-27	-62			-03		28
29			-15	-10	-01	-02	-03	-02	-16	-39	-19	-14	29
30		X	-05	-09		-32	-01	-05	-29	-02		-20	30
31	-01	X	-07	X	-04	X	-29	-03	X		X	-07	31
TOTAL	1-41	-36	1-41	2-51	6-96	-58	3-53	1-99	1-59	3-15	1-53	1-08	YEAR'S TOTAL 26-10
*Days with ·01 in. or more.	14	8	14	23	22	4	22	10	12	20	18	16	183
*Days with .04 in. or more.	10.	4	11	22	15	3	15	4	10	15	12	11	132

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) George Howard.

P.T.O.

3131

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. **Station No.** ~~3131~~

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Sitwell Vale,

in the County of York.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft ... in.

,, Ground ,, Sea Level / 300. ft.

May misplotted as 31.
Value 21 is O.K.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.21	.13	.18							.01	.02			1
2	.18		.32								.10			2
3	.02	.08	.12	~~.33~~	.33						.11			3
4	.09	.02	.03		.16									4
5	.06		.15		.13									5
6		.11	.02		.45							.06		6
7		.09			.17		.39			.49		.04		7
8		.03	.06		.01		.40			~~.72~~	.09	03		8
9		.05					.25			.72				9
10		.06				.08	.06			2.18	.05			10
11					.02		.15			.12				11
12	.02					.08	.08					.08		12
13					.41		.05	.01	.03	.05	.04			13
14	.05							.01		.02	.30	.01		14
15	.80							.09		.20	.85	.04		15
16	.27		.36		.05	.05	.41	02		10	.08			16
17	.13		.60			.03			.02		.20			17
18		.13	.07			.13					.08			18
19			.35						.03		.02	.02		19
20						.05		.08			.03			20
21						.29		10		.01	.02			21
22						.06		.15		.62		.02		22
23		.02		.06					.34	.01				23
24		.44		.18	.11	.27			.58		.01	.02		24
25		1.13		.20	.05	.05			.10		.01	.07		25
26		1.08		.02					.05	.10	01	.01		26
27		.02			.14				.08	.16				27
28		..01		.09	.06		.04		.01	.18				28
29				.24					.01	.15				29
30	.11	×	.03	.54			.01			.01		.06		30
31	.06	×	.01	×	2.09	×		.01	×	.04	×			31
TOTAL	2.00	3.40	2.30	1.33	13	1.09	1.84	.47	1.25	5.17	2.02	.46	Year's Total 23.42	
*Days with ·01 in. or more.	12	15	13	7	11	10	10	8	10	18	17	12	145	
*Days with .04 in. or more.	10	10	9	6		9	8	4	5	13	10	6	102	

40-9999

*See Instruction 2 (*f*) on other side.

D

† Spare column, no entries required.

(*Signed*) George Howard. FM F.R. Met. S.

[P.T.O.

~~3131.~~

Section A

COPY FOR OFFICIAL USE.
for the entry of Daily Observations.

Station No. ~~1515.~~

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

3131

Kept at Sitwell Vale.
in the County of York.
Diameter of Funnel of Gauge 5 in. ----
Height of top of Gauge above Ground 1 ft ----- in.
,, Ground ,, Sea Level 300. ft.

TL

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·02							·07		·08		·10		1
2			·01					·08	·18		·08	·20		2
3	·02	·02								·10	·01			3
4	·03		·16	·38	·06				·05	·29		·67		4
5			·08	·01	·11			·27		·04	·10	·03		5
6			·04		·16	·01		·02		·11		·61		6
7					·01					·05		·21		7
8	·03		·03		·14	·10		·04		·02	·32	·02		8
9			·27	·03						·04	·83	·16		9
10	·04		·27	·22				·03			·05	·01		10
11	·53		·12	·37				·06				·25		11
12			·28	·07			·05	·01		·04		·06		12
13	·46		·01	·03			·48	·07		·03	·01	·04		13
14	·02		·25		·04	·30				·16	·20	·28		14
15	·17		·08		·18			·02	·56	·03	·22	·02		15
16	·22		·09		·16		·07				·07	·04		16
17	·18		·03		·01		·01		·16	·05	·02	·09		17
18	·04		·L6	·19		·04						·03		18
19			·13	·01	·04	·02			·15	·04				19
20			·06		·02	·01								20
21						·21			·09	·06		·01		21
22							·45	·14	·19	·02		·01		22
23			·14	·05			·08			·03	·10	·07		23
24		·11	·04	·08		·10			·05	·05		·01		24
25	·04			·01			·01		·06	·19		·41		25
26	·10			·13		·02	·02		·03			·01		26
27		·60		·62		·15			·02	·09		·19		27
28	·01			·12		·11		·13		·06		·29		28
29			·05				·30	·04	·40	·03		·09		29
30	·03	×							·02	·25		·05		30
31	·01	×		×		×		·04	×	·01	×			31
TOTAL	1-95	-73	2-30	2-32	--93	1-07	1-47	1-02	1-96	1-87	2-01	3-96	Year's Total 21-59	
*Days with ·01 in. or more.	17	3	20	15	11	11	9	14	13	24	12	27	176	
*Days with ·04 in. or more.	9	2	16	10	8	7	6	10	10	17	9	18	122	

40-9999
*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Geo. Howard. F.R.Met.Soc.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. **Station No.** 3131

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Sitwell Vale,

in the County of York.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 300 ft.

TK

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	**Jan.**	**Feb.**	**Mar.**	**April**	**May**	**June**	**July**	**Aug.**	**Sept.**	**Oct.**	**Nov.**	**Dec.**		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	19		84	02		08			64	08	12	24		**1**
2		01	01			43		01		55	01	03		**2**
3		09	14	07		09				10	20			**3**
4			01	02		14			02	60				**4**
5	02	21	09	04		25				01	07			**5**
6	05			02		24								**6**
7	01			08		29				21	43	13		**7**
8	01		03	09		09		60		01	12	13		**8**
9			01	12		181~~8~~				56	10	03		**9**
10				18		01				04	02	01		**10**
11	33	02						01		01	15	15		**11**
12		07				06						01		**12**
13	05	02		11	13				35		02			**13**
14				04	14	02	01		01		70	15		**14**
15	01	10		35	04		12		18		12	16		**15**
16		56	16	02		12	05		46		62			**16**
17		01		16		35	30	59	04	01	84			**17**
18				17	08	03	15	01	17	10	07			**18**
19	04			65		12	04			12	33			**19**
20	02	05		54		06	01				47			**20**
21		74		04					45		12			**21**
22		06									10			**22**
23			16	01				1-10	07	16				**23**
24	14	70	07						1-07			19		**24**
25	16	16				03			34		01	08		**25**
26	30	02			02		02	61	25	04	03	34		**26**
27	02	17					01				04	68		**27**
28	04	04						10	05	03		17		**28**
29	03		03						08	06	05	16		**29**
30	04	X		01				11	04	25	45	03		**30**
31		X		X		X		03	X	33	X	18		**31**
TOTAL	1-46	3-03	1-55	2-14	-41	2-59	-71	3-17	4-22	3-27	5-19	2-87	Year's Total. 30-61	
* Days with .01 in. or more.	17	17	11	20	5	18	9	10	16	19	24	18	184	
* Days with .04 in. or more.	10	11	6	14	4	14	5	6	14	14	19	13	130	

40-9999

† Spare column, no entries required.

(*Signed*) George Howard.

[P.T.O.

* See Instruction 2 (f) on other side.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3131.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936.

TL

Kept at Sitwell Vale.
in the County of York
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. in.
,, Ground ,, Sea Level 300 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1		27	08	38			12	20	01	01	06	18		1
2	03	01	08	03		58	14	05			27	14		2
3		01				08		05	24			04		3
4	02	08				07		01	07		18	12		4
5	08	02	33		04		01	20	05	02		29		5
6					02	03	16	23	35		14			6
7	22		03				40		15	03	03	01		7
8	13		08							02	15			8
9	27	01	04		03	04	1-40	02		08	27			9
10	05						57	84	05	04	12			10
11				11		01	04	09			40			11
12				15	04	89	30		34		05	09		12
13				04		16	05		20	05		47		13
14				15		08			17	03	05	12		14
15	29		02	15	03	03	02	16	07		19	06		15
16	15	09		08			02				47	01		16
17	02	55			05		05			03	02	09		17
18		05					19	02 ~~02~~		23	01			18
19	47	07		06		30	01	33		14				19
20	05	16	03			02			03	02				20
21	01		04	07		03								21
22	02	46	15	03	06	54	20							22
23			10	04	12		35					01		23
24	20	09		03	24				17	18				24
25	21		09				10		30	10	02			25
26	02	06	48						07	40	04			26
27	20	~~10~~	01						11	28				27
28	25	70	04			01	13				03	08		28
29	20	40	15			29	01			06	27	22		29
30	07	X			1-07	05	15			72	08	02		30
31	03	X	04	X		X	02		X		X	06		31
TOTAL	2-99	3-03	1-79	1-32	1-70	3-21	4-44	2-20	2-38	2-44	2-85	2-01	Year's Total 30-36	✓
* Days with .01 in. or more.	22	16	17	13	10	17	22	12	16	18	20	17	200	✓
* Days with .04 in. or more.	15	12	13	10	7	11	16	9	14	11	15	13	146	✓

† Spare column, no entries required.

(*Signed*) George Howard F.R.Met.Soc.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3131.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937.

Kept at SITWELL VALE.

in the County of YORK.

Diameter of Funnel of Gauge five in.

Height of top of Gauge above Ground one ft. in.

,, Ground ,, Sea Level 300 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following: ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	07	09	04				02		06		05	11		1
2	03	07		22								1-87		2
3		06		15			02					08		3
4	09	02	06	10			01					35		4
5	27		12									03		5
6	02		04	02	26						03	23		6
7		42		25	14						03			7
8		50		06			05				14	06		8
9		22		10	23		52	05				03		9
10	01	02	09	04		06						20		10
11			91		95			01				03		11
12	16	05	06		41	15			27			13		12
13					02	1-15		02	01			20		13
14		18	55	07		02		02	03			14		14
15	16	08		37			1-62		01			01		15
16	02	03	27	53				08	24					16
17	22	01	30	14					80					17
18	1-07	01	10				03		04		52			18
19		02	02	02		17	25				28			19
20	27	20		31	66									20
21	03		01				21			05		02		21
22	03				03		02			16	20			22
23	34				03		12			1-47	42			23
24	? ✗	29				04			06	21				24
25	? ✗	32	11						01	30	01	04		25
26	?	19	15		36							01		26
27	?	25	05	19						73		02		27
28	?	32				05				01				28
29	? ✓										01	05		29
30	? ✗	✕				05		04			04	05		30
31	✗ 1-06	✕		✕		✕			✕	21	✕	05		31
TOTAL	3-85	3-58	2-88	2-57	3-09	1-69	2-87	-22	1-62	3-14	1-73	3-71	Year's Total 30-95	✓ ✓
* Days with .01 in. or more.	P20	21	16	15	10	8	11	6	10	8	11	21	~~137~~	157 ✓
* Days with .04 in. or more.	P13	16	14	13	7	7	6	3	7	7	7	14	~~101~~	114 ✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) George Howard. F.R.Met.Soc.

P.T.O.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3131.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938.

Kept at 3, Sitwell Vale,
in the County of York,
Diameter of Funnel of Gauge 12 in.
Height of top of Gauge above Ground 1 ft. in.
„ Ground „ Sea Level 300 ft.

T.L.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	02	02			04	57	36			04	08	15		1
2	04			02	05	09			03	11	01	11		2
3	04					05	11		22	89	04			3
4	02					04	05	17		14	06	11		4
5							03	10	03	23		03		5
6	03	03					40	14	01	06				6
7	10						13	04	52	03		04~~04~~		7
8	36						13	02		36		04		8
9	07	05				10	01	43	02			36		9
10		04					55	02	01		01	05		10
11	29						05			04	04	05		11
12	11	03						94		39	10			12
13	05	08						17	02	05	10	32		13
14	26	02			05		51		20		01			14
15	27						31			02	01	39		15
16	05						42	02		04	08	18		16
17		01			37		11		04	04		01		17
18	02~~02~~				17	08		02	06	07	23			18
19								08				25		19
20	02								02		35	18		20
21									03		02	18		21
22						31					36	15		22
23						10			38		19			23
24			12				02	17	20	02	08	01		24
25	07	09					02	05		25	82	08		25
26		72	08			09			17	09		04		26
27	03	02			12	18	19	36	08	04	13			27
28	25				61	12	09	49	16	06		02		28
29	06			06	50	03	02			01	10	05		29
30	04	✕			03	11			17		09	04		30
31	18	✕		✕	23	✕			✕	20	✕	59		31
TOTAL	2-38	1-11	-20	-08	2-17	1-87	3-51	3-22	2-37	3-18	2-91	3-43	Year's Total 26-43	✓
* Days with .01 in. or more.	22	11	2	2	10	13	19	16	19	22	21	24	181	✓
* Days with .04 in. or more.	16	5	2	1	9	12	14	12	11	18	16	20	136	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) George Howard

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3131.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

Kept at 3, Sitwell Vale.

in the County of York,

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground One ft. -- in.

,, Ground ,, Sea Level 300 ft.

Entry on March 1st amended by us to nearly [illegible] to agree with month's total.

J. L.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	01		~~01~~ ·04	08			05	13	04			01		1
2	06			11				16	1-50	05	04	02		2
3	18			21				45			20	17		3
4	23		21	38			05	44		03	03	1-05		4
5		01			03		25	10		12	36	17		5
6	42						48			02	12			6
7	03	10	04				05	01		02	35	46		7
8	08	05	13				12			09	03	11		8
9	02	08					01	12	01	62		15		9
10	70		05							02				10
11	05	09	19		03	32			10			01		11
12	08	02	01			13				01		01		12
13				03	08	19	02		03	23				13
14	60		02	20	25	11	31			21	07			14
15	13				28	26	46		01	02	03			15
16	02		27		88	02	1-30				08			16
17	1-10		02	39	03	~~03~~	17			1-05	02			17
18	05	02	03			20	18		04	02	1-08			18
19	17					28	13	02	05			02		19
20	03					25		63	26					20
21	10	16	22		05	38	22	29	29					21
22	15	24	05				15		05	01	20			22
23	08			10		12	04	01		12	32			23
24			09	03		01	06	01		01				24
25	73	01	02				02	44			45	09		25
26	01	03				01				04	16	06		26
27	02	04	43	06		07	04			36	12			27
28	02	11	26	21		03	17	05			14			28
29				10			59			26	01			29
30		✕									10			30
31		✕		✕		✕	04	02	✕	05	✕			31
TOTAL	5-07	96	2-08	1-90	1-63	2-38	4-91	2-88	2-38	3-36	3-91	2-33	Year's Total 33-79	
* Days with .01 in. or more.	25	13	17	12	8	15	23	15	11	21	20	13	193	
* Days with .04 in. or more.	17	8	12	10	5	11	20	10	8	12	15	8	136	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) George Howard. F.R.Met.S. R.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3131.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 193 40.

Kept at 3, SITWELL VALE,

in the County of YORK.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 300 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1		-08		-03							-16			1
2				-25							-37	-02		2
3		-23		-05						-18	-09	-		3
4		-07		-03						-06	-36	-03		4
5					-18		-18			-18	-23	-34		5
6	-09	-21								-83	-01	-04		6
7	-06	-22		-12	-08		-06		-01			-02		7
8	-01			-06	-01					-12		-08		8
9			--19	01					-06	-06	-68	-01		9
10							1-60				-10	-25		10
11							-20				-60			11
12							-05		-09		-22			12
13		-01	-18						-10					13
14			-33	-07	-24		-67		-02--			-31		14
15					-010				-02	-11	-15	-01		15
16	-18		-03				-67		-14	1-11	-67	-04		16
17			-08	-01					-06		-40			17
18	-07	-27	-37	-93			-61	-10	-12	-10	-03	-06		18
19		-14	-02	-21			-46		-12	-04	-20	-03		19
20			-04	-15		-01	-03	-09		-10	-07			20
21		-06				-44	-09		-02	-09	1-17			21
22			-02		-14	-07	-01		-10	-05		04		22
23			02		-09	-09				-04	-07	-05		23
24	-04		-03	-02			-04		-01	-17		-02		24
25										04				25.
26	-87	02			-05	-04		-04		-05				26
27	-69	-08			-01		-07	-05			-04			27
28	-11	-72			-32									28
29			-10	-01		-03						-35		29
30		✕		-26						-19		-15		30
31	-32	✕	-10	✕		✕			✕	1-06	✕	-23		31
TOTAL	2-44	2-11	1-51	2-21	1-13	-68	4-74	-28	-87	4-58	5-62	2-08	Year's Total 28-25	✓
* Days with .01 in. or more.	10	12	13	15	10	6	14	4	133	19	19	19	154	✓
* Days with .04 in. or more.	9	10	8	9	7	4	12	4	8	19	17	12	119	✓

† Spare column, no entries required.

*See Instruction 3 (f) on other side.

(*Signed*) George Howard F.R.Met.S. [P.T.O.

3131/5

ROTHERHAM BROOM LANE
1934 — 40

78050?

Section **A** for the entry

AIR MINIST

ORGANIZATION.

Station No. 3131/5

FORM 1090.

REGI

34.

1x/W Riding/7

Kept at Rotherham

in the County of York

34.

Diameter of Funnel of Gauge

Height of top of Gauge above Gro

,, Ground ,, Sea

sh No. 3135

ctn. from 1935.

THE MORNING MEASU

An observer who does not conform

year in the space on the right of

following

Jan. 1, following

Date	Jan.	Feb.	Mar.									Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1											—	·04		1
2											·04	·22		2
3											·02	—		3
4											—	·61		4
5											·09	·03		5
6											—	·57		6
7											—	·16		7
8											·27	·04		8
9											·82	·15		9
10											·06	tr.		10
11											—	·11		11
12											—	·16		12
13										·02	tr×	·04		13
14										·13	·16	·24		14
15										·02	·24	·02		15
16										—	·08	·03		16
17										·05	·02	·08		17
18										—	tr×	·02		18
19										·03	—	—		19
20										—	—	tr		20
21										·03	—	tr×		21
22										tr.	—	·01*		22
23										·02	·08	·05		23
24										·04	tr.	tr		24
25										·20	—	·37		25
26										—	tr.	·01		26
27										·04	—	·16		27
28										·06	—	·21		28
29										·03	—	·08		29
30		×								·20⊗	—	·06		30
31		×		×		×			×	·04	×	tr.		31
TOTAL									—	~~(0.91)~~	1·88	3·47	Year's Total. —	unif.
* Days with .01 in. or more.									—	~~(14)~~	11	24	—	
* Days with .04 in. or more.									—	~~(8)~~	9	18	—	

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) J. Atkinson ESQ

[P.T.O.

Section **A** for the entry o Station No. 3131/5.

AIR MINIST OLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

IX/W Riding/7

Kept at Rotherham (Broom Lane)

in the County of Yorks.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 284 ft.

C 1934.

g moved from Rawmarsh No. 3135

unpublished Climat stn. from 1935.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1											—	·04		1
2											·04	·22		2
3											·02	—		3
4											—	·61		4
5											·09	·03		5
6											—	·57		6
7											—	·16		7
8											·27	·04		8
9											·82	·15		9
10											·06	tr.		10
11											—	·11		11
12											—	·16		12
13										·02	tr^×^	·04		13
14										·13	·16	·24		14
15										·02	·24	·02		15
16										—	·08	·03		16
17										·05	·02	·08		17
18										—	tr^×^	·02		18
19										·03	—	—		19
20										—	—	tr		20
21										·03	—	tr^×^		21
22										tr.	—	·01^×^		22
23										·02	·08	·05		23
24										·04	tr.	tr		24
25										·20	—	·37		25
26										—	tr.	·01		26
27										·04	—	·16		27
28										·06	—	·21		28
29										·03	—	·08		29
30		×								·20 ⊗	—	·06		30
31		×		×		×			×	·04	×	trs		31
TOTAL									—	~~(0.91)~~	1.88	3.47	Year's Total. —	unip.
* Days with .01 in. or more.									—	~~(14)~~	11	24	—	[illegible]
* Days with .04 in. or more.									—	~~(8)~~	9	18	—	

40-9999

* See Instruction 2 (f) on other side.

N

† Spare column, no entries required.

(*Signed*) J Atkinson Esq X [P.T.O.

Rotherham (Broom Lane) X 3131/5

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 126/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090

REGISTER OF RAINFALL IN 1935.

Kept at Rotherham

in the County of Yorkshire W.R.

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 284 ft.

W.R. 17

Com. sup 1934

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2			0.59			0.51								2
3														3
4										·70				4
5														5
6														6
7														7
8														8
9														9
10														10
11	0.31													11
12														12
13					0.10									13
14					0.10									14
15														15
16														16
17											0.98			17
18							0.41							18
19														19
20				0.44										20
21														21
22														22
23								0.87						23
24		0.69							1.06					24
25														25
26														26
27												·59		27
28														28
29														29
30		×												30
31		×		×		×			×		×			31 Print
TOTAL	1·31	2·79	1·48	1·82	0.33	2·64	0.63	2·74	3·95	2·92	4·97	2·58	Year's Total 28·16	✓
*Days with ·01 in. or more.	15	15	10	20	5	18	10	9	15	19	23	18	177	
*Days with ·04 in. or more.	8	11	8	12	3	16	2	6	12	13	16	14	121	

40-9999

*See Instruction 2(f) on other side.

† Spare column, no entries required.

(Signed) L. Atkinson, Esq. [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3131/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

WR/7

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Rotherham.

in the County of Yorkshire.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 284 ft.

C mp 1934

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·18	—	·24	·01	—	·06	—	—	·76	·08	·16	·16		1
2	trace	·02	·59	·01	—	·51	—	—	—	·46	·02	·07		2
3	—	·07	·15	trace	—	·09	—	trace	—	·02	·18	—		3
4	—	trace	trace	·07	—	·20	·01	—	trace	·70	·02	—		4
5	trace	·23	·08	·02	—	·31	trace	—	trace	trace	·06	·01		5
6	·04	—	·01	·01	—	·11	—	—	—	—	—	—		6
7	·02	trace	trace	·07	—	·41	—	—	—	·08	·44	·13		7
8	·01	—	·02	·06	trace	·08	—	·34	—	·10	—	·11		8
9	—	—	trace	·10	—	·09	—	—	—	·52	·16	·01		9
10	—	—	trace	·18	—	·07	—	—	—	·04	·02	—		10
11	·31	—	—	—	—	trace	—	trace	—	trace	·11	·14		11
12	—	·04	trace	—	—	·05	—	·01	trace	—	—	trace		12
13	·04	·03	—	·09	·10	trace	—	—	·04	—	·01	trace		13
14	trace	—	—	·04	·10	·02	·01	—	·35	—	·64	·11		14
15	trace	·07	—	·30	·03	trace	·03	—	·18	—	·21	·13		15
16	trace	·49	·14	·03	trace	·11	·11	—	·33	—	·39	—		16
17	—	trace	—	·12	—	·23	·01	·70	·09	·01	·98	—		17
18	·02	—	—	·17	·08	·12	·41	trace	·15	·10	·14	—		18
19	·02	trace	—	·04	trace	·10	·02	—	—	·10	·25	—		19
20	trace	·04	—	·44	—	·06	·01	—	—	—	·43	—		20
21	—	·40	~~trace~~	·03	—	trace*	—	—	·36	trace	·17	·01		21
22	—	·35	trace	—	—	—	—	—	trace	—	·08	—		22
23	—	·01	·12	·02	—	—	—	·87	·01	·12	—	—		23
24	·11	·69	·06	trace	—	—	—	—	1·07	·01	—	·20		24
25	·16	·17	—	—	—	·02	—	—	—	—	—	·04		25
26	×·29	—	—	—	—	—	·01	·57	·32	·02	·02	·23		26
27	×·01	·15	—	—	·02	—	·01	—	·21	·01	·03	·59		27
28	·03	·03	—	—	trace	—	—	·12	·03	·03	trace	·33		28
29	·03	×	·07	—	—	—	—	·01	·04	·05	·03	·14		29
30	·04	×	—	·01	—	trace.	—	·11	·04	·20	·42	·02		30
31	trace	×	—	×	—	×	—	·01	×	·27	×	·15		31
TOTAL	1·31	2·79	1·48	1·82	0·33	2·64	0·63	2·74	3·95	2·92	4·97	2·58	Year's Total. 28·16	
* Days with .01 in. or more.	15	15	10	20	5	18	10	9	15	19	23	18	177	
* Days with .04 in. or more.	8	11	8	12	3	16	2	6	12	13	16	14	121	

40-9999 ✓condensation × Snow ⁎ dew.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Leslie Atkinson

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No 3|31/5

126/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Rotherham

in the County of Yorks, W.R.

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 284 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1				0·35										1
2														2
3														3
4														4
5														5
6								0·42						6
7														7
8														8
9							1·16							9
10														10
11														11
12						0·86			0·40					12
13												·37		13
14														14
15														15
16											·43			16
17														17
18														18
19	0·45													19
20														20
21														21
22														22
23														23
24														24
25														25
26			0·41											26
27														27
28		0·61												28
29														29
30		×			0·71					0·65				30
31		×		×		×			×		×			31
													Year's Total.	
TOTAL	2·72	2·72	1·69	1·27	1·29	3·22	3·91	1·65	2·13	2·18	2·61	1·70	27·09	
* Days with .01 in. or more.	21	18	16	14	11	18	19	12	16	19	21	17	202	
* Days with .04 in. or more.	14	13	10	9	6	11	14	8	13	14	13	11	136	

66·3

40-9999

† Spare column, no entries required.

(Signed) ....

* See Instruction 2 (f) on other side.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 313/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

126/5

FORM 1090.

REGISTER OF RAINFALL IN 1937.

Kept at Rotherham (Broom Lane)
in the County of Yorks, W.R.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft 0 in.
,, Ground ,, Sea Level 284 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2												1.86		2
3														3
4														4
5														5
6														6
7		·47												7
8														8
9														9
10														10
11			·96		·91									11
12														12
13						1·11								13
14														14
15							1·56							15
16				·44				·07						16
17									·92					17
18	1·08													18
19											·48			19
20														20
21														21
22														22
23										1·48				23
24														24
25														25
26														26
27														27
28														28
29														29
30		✕												30
31		✕		✕		✕			✕		✕			31
													Year's Total	
TOTAL	3·58	3·34	2·66	2·20	2·91	1·53	2·69	·18	1·66	3·02	1·71	3·56	29·04	✓
*Days with ·01 in. or more.	21	22	18	15	12	8	8	6	11	8	10	23	152	✓
*Days with ·04 in. or more.	15	18	10	11	8	5	5	1	7	7	6	16	109	✓

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*)

[P.T.O.

126/5

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3131/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1

REGISTER OF RAINFALL IN 1938

Kept at Rotherham (Broom Lane)

in the County of Yorks W.R.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 284 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1						·57								1
2														2
3										·85				3
4														4
5														5
6														6
7									·57					7
8	·30													8
9														9
10							·53							10
11														11
12								·71						12
13														13
14														14
15														15
16														16
17														17
18														18
19														19
20														20
21														21
22														22
23														23
24														24
25											·78			25
26		·71	·07											26
27														27
28					·57									28
29				·05										29
30		✕												30
31		✕		✕		✕			✕		✕	·60		31
TOTAL	2·00	1·01	·18	·08	2·04	1·72	3·23	2·85	2·09	3·80	2·58	3·07	Year's Total 24·65	
* Days with .01 in. or more.	23	12	4	3	11	13	20	15	17	21	19	25	183	
* Days with .04 in. or more.	13	4	3	1	10	10	14	11	9	14	12	17	118	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

[P.T.O.

COPY FOR OFFICIAL USE

~~20/5~~

Section **A** for the entry of Daily Observations

Station No. 3131/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Rotherham (Broom Lane)

in the County of Yorks W.R.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 284 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2									1·25					2
3														3
4				·53								·98		4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12
13														13
14														14
15														15
16					·81		1·44							16
17										1·00				17
18											1·03			18
19														19
20								·66						20
21						·38								21
22		·26												22
23														23
24														24
25	·67													25
26														26
27			·36											27
28														28
29														29
30		✕												30
31		✕		✕		✕			✕		✕			31
													Year's Total	
TOTAL	4·62	·84	1·99	1·84	1·57	2·07	5·28	2·60	1·98	3·19	3·61	2·19	31·78	✓
* Days with .01 in. or more.	26	11	20	14	9	16	23	14	11	19	20	11	194	✓
* Days with .04 in. or more.	18	6	10	9	5	12	16	10	6	10	13	7	122	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

[P.T.O.

126/5

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3131/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940

Kept at Rotherham (Broom Lane)
in the County of Yorks W.R.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 284 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2														2
3														3
4														4
5														5
6														6
7														7
8														8
9														9
10							1.48							10
11														11
12														12
13														13
14												.28		14
15														15
16										1.12				16
17			.42											17
18				.90				.11						18
19									.25					19
20														20
21											1.17			21
22						.29								22
23														23
24														24
25														25
26	.64													26
27														27
28		.63			.33									28
29														29
30		✕												30
31		✕		✕		✕			✕		✕			31
													Year's Total	
TOTAL	2.43	2.40	1.49	2.01	1.03	.67	4.33	.28	.75	4.20	5.25	1.89	26.73	
* Days with .01 in. or more.	13	19	15	16	9	8	16	5	10	20	21	20	172	
* Days with .04 in. or more.	9	15	6	10	8	4	13	3	7	15	17	9	116	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

[P.T.O.

Rotherh

Section **A** for the e
AIR M

FORM 1090

R

Kept at 33 Rams
in the County of Yor
Diameter of Funnel of Ga
Height of top of Gauge a
,, Ground ,,

THE MORNING M

An observer who does not c
year in the space on the ri

3131/7
RAMSDEN ROAD, ROTHERHAM
1939; 40

780507

Station No. 3134/7

NFALL ORGANIZATION

939

ning day.
1st adjusted to agree

IOUS DAY

of the following

Jan. 1, following
—

Date	Jan.	Feb.	M								Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1												·11		1
2											—	·01		2
3											·04	·04		3
4											·19	·19		4
5											·045	·94		5
6											·29	·20		6
7											·22	—		7
8											·34	·31		8
9											·045	·24		9
10											(–) ~~·34~~	·14		10
11											~~045~~	—		11
12											—	—		12
13											—	—		13
14											—	—		14
15											·09	·02		15
16											·03	—		16
17											·04	—		17
18											·02	—		18
19											1·05	—		19
20											—	·02		20
21											—	—		21
22											—	—		22
23											·11	—		23
24											·36	·02		24
25											—	—		25
26											·51	·02		26
27											·195	·11		27
28											·14	–		28
29											·155	–		29
30		✕									—	–		30
31		✕		✕		✕			✕		·11 ✕	(=)		31
TOTAL											3·93 ~~3·82~~	2·26 ~~2·37~~	Year's Total ..	
* Days with .01 in. or more.											19 ~~18~~	~~14~~13	..	
* Days with .04 in. or more.											17 ~~16~~	~~9~~8	..	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) The Headmaster H. V. Radcliffe [P.T.O.

Rotherh

Section **A** for the

Station No. 3/~~34~~/7

AIR M[illegible] — METEOROLOGICAL OFFICE. — BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at 33 Ramsden Road, Rotherham.
in the County of Yorkshire
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground — ft. 8½ in.
,, Ground ,, Sea Level 183 ft.

Corrected for wrong day.
Entries in Nov. 10th & 11th adjusted to agree with nearby stations

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following —

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1												11		1
2											—	·01		2
3											·04	·04		3
4											·19	·19		4
5											·045	·94		5
6											·29	·20		6
7											·22	—		7
8											·34	·31		8
9											·045	·24		9
10											(—) ~~·34~~	·14		10
11											(—) ~~015~~	—		11
12											—	—		12
13											—	—		13
14											—	—		14
15											·09	·02		15
16											·03	—		16
17											·04	—		17
18											·02	—		18
19											1·05	—		19
20											—	·02		20
21											—	—		21
22											—	—		22
23											·11	—		23
24											·36	·02		24
25											—	—		25
26											·51	·02		26
27											·195	·11		27
28											·14	–		28
29											·155	–		29
30		✕									—	–		30
31		✕		✕		✕			✕		·11 ✕	(—)		31
TOTAL											3·93 ~~3·82~~	2·26 ~~2·37~~	Year's Total ..	
* Days with .01 in. or more.											19 ~~18~~	~~11~~13	..	
* Days with .04 in. or more.											17 ~~16~~	~~9~~8	..	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

The Headmaster (Signed) H. V. Radcliffe

[P.T.O.

Rotherham (Ramsden Road) COPY FOR OFFICIAL USE 3131/7

Section **A** for the entry of Daily Observations

Altered by 3/41

Station No. ~~313/7~~

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1090

REGISTER OF RAINFALL IN 19~~3~~40

Kept at Rotherham ~~(Grammar School)~~

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground — ft. 9 in.

" Ground " Sea Level 180 ft.

Values as used in Jan. [illegible] for new by nearest station

np inp 1939

f936 416/39

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following —

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	·05	—	·03	—	—	—	—	—	—	·27	—		1
2	—	·02	—	·25	—	—	·005	—	—	—	·40	·02		2
3	—	·17	—	·05	—	—	—	—	—	·14	·05	—		3
4	·035	·10	—	·06	—	—	—	—	—	·08	·33	·04		4
5	—	—	—	—	·20	—	·18	—	—	·13	·19	·35		5
6	—	·17	—	—	—	—	—	—	—	1·08	·05	·31		6
7	·08	·23	—	·14	·07	—	·008	—	·04	—	—	·005		7
8	·01	—	—	·06	—	—	—	—	—	·09	·005	·07		8
9	—	—	·19	·01	—	—	·01	·01	·05	·08	·63	·02		9
10	—	—	·01	—	—	—	1·51	—	—	—	·12	·27		10
11	—	·03	—	—	—	—	·18	—	—	·01	·56	—		11
12	—	{ – ·02	·19	—	—	—	·05	—	·07	—	·21	—		12
13	—	✓	·34	—	—	—	—	—	·08	—	—	·01		13
14	—	—	—	·08	·18	—	·49	—	·01	—	—	·01		14
15	—	—	—	—	·04	—	—	—	—	·10	·16	·01		15
16	(·20)	·19	·06	—	—	—	·49	—	·15	1·05	·59	·02		16
17	—	—	·49	·01	—	—	·38	—	·10	·02	·44	·01		17
18	(·05)	·21	·04	·81	—	—	·14	·08	·09	·04	·03	·04		18
19	Blizzard and snowdrifts prevented any access to the gauge.	—	·03	·25	—	—	·25	—	·16	·11	·17	·03		19
20		—	—	·16	—	—	·02	—	—	·06	·09	—		20
21		—	·02	—	—	·21	·06	—	·03	·11	1·11	—		21
22		—	·03	—	·13	·31	—	—	·08	·04	—	·04		22
23		·11	·03	·01	·07	·08	—	—	—	·03	·08	·03		23
24		—	—	·01	—	—	·07	—	—	·11	—	·04		24
25	x	—	—	·005	—	—	—	—	—	·04	—	—		25
26	(1·90)	·02	—	—	·05	·05	—	·04	—	·04	—	—		26
27	x	·07	—	—	—	—	·03	·06	—	·01	·03	—		27
28	x	·65	—	·007	·26	—	—	—	—	—	—	—		28
29		—	·10	·008	—	·03	—	—	—	—	—	·24		29
30	x	✕	—	·17	—	—	—	—	—	·21	—	·28		30
31	·15	✕	·10	✕	—	✕	—	—	✕	·97	✕	·23	D	31
TOTAL	(2·42) ~~[illegible]~~	2·04	1·63	2·12	1·00	·68	3·863	·19	·86	4·55	5·515	2·08 ~~2·075~~	Year's Total 26·94	2694
* Days with .01 in. or more.	~~5~~ (13)	14	13	~~15~~ 17	8	5	16 ~~14~~	4	11	22	19	201	163	163
* Days with .04 in. or more.	~~9~~ (9)	10	8 ~~18~~	10	8	4	11	3	9	18	17	11	~~118~~	118

Part K

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

X (*Signed*) H. V. Radcliffe, Esq. [P.T.O. X

3132

Section **A** for the entry … OPY FOR OFFICIAL USE.
AIR MINISTI … L ORGANIZATION.

FORM 1090. **REGIS**

Kept at KIMBERW
in the County of
Diameter of Funnel of Gauge
Height of top of Gauge above Grou
,, Ground ,, Sea

THE MORNING MEAS

An observer who does not conform t … llowing year in the space on the right of t

Jan. 1, following

3132

KIMBERWORTH SCHOOL
1931 — 40

7P0507

Date	Jan.	Feb.	March								Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		·03	·05	·02		·09			·03	·01		·01	1
2		·01		·56	·04	·56			·48	·02		·06	2
3		T		·09		·01	·03		1·13		·23	·16	3
4	·02	·12		·08			·40	·31	1·03		·08	·04	4
5		T			·11	·95	T	·51	·09			·24	5
6		·25	T			·13	·50		·01	·13	·08		6
7		T	T			·60	·03	1·01		·04	·23		7
8	·01	·02	·02	·03	·03	·03	·03	·70		T	·19		8
9		·24	·03	·20	·07	·20	·04	·22	·02		·30	·01	9
10		·09	·05	T	·01	·01		·07	·01		·09	T	10
11	T	·29				T	·02		·20		T		11
12	·03	·06					·69		·02	·04	·03		12
13						·02	·02	·04	·02				13
14		T			T	·38	·87	·85			·60	·01	14
15	·01	·05		·09		T	·10	·01	·02		·02	·05	15
16	·15	·18		·07	·15	·84	T	·23	·22		T		16
17	T	·17		·46	·07	·07	·07	·05	T	·01	T		17
18	·02	·02		·30	T	·21	·32	·06			·58		18
19	·07	·01		·11			·03	·07	·09	·06	T	T	19
20	T	·09	·02	·06			T	·35	T	T	T	·02	20
21	·08			·01	·37						·14		21
22	·01	·01			·17						·02		22
23	·60			·06	·77	·15	·15		T		·18		23
24	·07			·23	·51		·28		T	·02	T	·02	24
25	·03	·03		·35			·68				T		25
26	·02	·04		·15	·53		T				·20		26
27	·09	·20		T	·03					·15	·21	·12	27
28	·12	·18		·08	·20				T			·08	28
29	·26				·15		·16			·10	·04	·02	29
30	·02	X			·03				T	·01	T		30
31	·26	X		X		X			X	·01	X		31
TOTAL	1·87	2·09	·17	2·95	3·24	4·25	4·42	4·48	3·37	·60	3·22	·84	YEAR'S TOTAL 31·50
*Days with ·01 in. or more.	18	20	5	18	16	15	18	14	14	12	17	13	180
*Days with ·04 in. or more.	9	13	2	15	12	11	12	13	7	6	14	7	121

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) Vicar Turner.

P.T.O.

3132

Section **A** for the entry [redacted] OPY FOR OFFICIAL USE.
AIR MINISTI [redacted] L ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1937.

Kept at KIMBERWORTH SCHOOL.
in the County of YORK.
Diameter of Funnel of Gauge 5. in.
Height of top of Gauge above Ground 1 ft 0 in.
,, Ground ,, Sea Level 258 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	
1		·03	·05	·02		·09			·03	·01		·01	1
2		·01		·56	·04	·56			·48	·02		·06	2
3		T		·09		·01	·03		1·13		·23	·16	3
4	·02	·12		·08			·40	·31	1·03		·08	·04	4
5		T			·11	·95	T	·51	·09			·24	5
6		·25	T			·13	·50		·01	·13	·08		6
7		T	T			·60	·03	1·01		·04	·23		7
8	·01	·02	·02	·03	·03	·03	·03	·70		T	·19		8
9		·24	·03	·20	·07	·20	·04	·22	·02		·30	·01	9
10		·09	·05	T	·01	·01		·07	·01		·09	T	10
11	T	·29				T	·02		·20		T		11
12	·03	·06					·69		·02	·04	·03		12
13						·02	·02	·04	·02				13
14		T			T	·38	·87	·85			·60	·01	14
15	·01	·05		·09		T	·10	·01	·02		·02	·05	15
16	·15	·18		·07	·15	·84	T	·23	·22		T		16
17	T	·17		·46	·07	·07	·07	·05	T	·01	T		17
18	·02	·02		·30	T	·21	·32	·06			·58		18
19	·07	·01		·11			·03	·07	·09	·06	T	T	19
20	T	·09	·02	·06			T	·35	T	T	T	·02	20
21	·08			·01	·37						·14		21
22	·01	·01			·17						·02		22
23	·60			·06	·77	·15	·15		T		·18		23
24	·07			·23	·51		·28		T	·02	T	·02	24
25	·03	·03		·35			·68				T		25
26	·02	·04		·15	·53		T				·20		26
27	·09	·20		T	·03					·15	·21	·12	27
28	·12	·18		·08	·20				T			·08	28
29	·26				·15		·16			·10	·04	·02	29
30	·02	X			·03				T	·01	T		30
31	·26	X		X		X			X	·01	X		31
TOTAL	1·87	2·09	·17	2·95	3·24	4·25	4·42	4·48	3·37	·60	3·22	·84	YEAR'S TOTAL 31·50
*Days with ·01 in. or more.	18	20	5	18	16	15	18	14	14	12	17	13	180
*Days with ·04 in. or more.	9	13	2	15	12	11	12	13	7	6	14	7	121

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*See Instruction 2 (*f*) on other side.

(Signed) Vincent Turner. P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3132

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Kimberworth School

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 258 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·08	.03	-	·06	·49	-	·12	·01	·15	·10	-	·02	1
2	·07	-	-	-	·29	-	-	·02	·14	·02	·01	·07	2
3	·07	-	-	·34	·01	-	·17	-	-	·02	-	·13	3
4	-	-	-	·12	·02	-	-	-	-	-	·12	-	4
5	·15	-	·07	-	·09	-	-	·01	·03	-	-	-	5
6	·60	-	·11	·18	-	-	·04	-	·06	-	-	-	6
7	-	-	·13	·15	-	-	·10	-	·14	·20	·02	-	7
8	-	-	-	·07	-	-	-	-	·10	·07	-	-	8
9	·06	·13	-	·08	·01	-	-	-	-	-	-	·01	9
10	·13	·05	·01	·04	-	-	-	-	·08	·12	-	·12	10
11	·03	·03	·01	·07	·08	·12	·60	-	-	·03	·03	-	11
12	·10	-	-	·01	·03	-	-	-	-	·17	·04	-	12
13	·05	·07	-	·07	·02	-	·61	-	·01	·31	·04	·03	13
14	·11	-	-	·05	-	-	·13	-	-	·01	·11	·02	14
15	-	-	-	·03	·06	-	-	-	-	-	·01	·04	15
16	·24	-	-	·27	·06	-	·09	-	-	-	·01	-	16
17	-	-	-	-	·01	-	·02	-	-	·20	·01	-	17
18	-	-	-	-	-	-	-	-	-	-	-	-	18
19	-	-	-	·06	-	-	-	·01	-	·05	-	-	19
20	-	-	-	·09	·74	-	·01	·74	-	·17	·03	-	20
21	-	-	·20	·04	2·45	-	-	·43	-	·50	·01	·06	21
22	-	-	·28	·05	·60	-	·12	-	·25	-	·29	-	22
23	-	·01	-	·05	·08	-	·02	-	-	·11	·10	·02	23
24	·02	-	-	-	-	-	·09	-	·02	-	·09	-	24
25	-	·03	-	-	-	-	·03	-	·01	·25	-	-	25
26	-	·01	·01	·13	·46	-	·01	-	-	·16	·20	-	26
27	-	-	·30	·10	·44	·08	·02	-	-	-	·08	-	27
28	-	-	·06	·25	·15	-	·22	1·03	-	-	-	-	28
29	-	-	·07	·08	·07	·01	·02	·06	·15	·40	·01	·11	29
30	-	✕	·06	·07	-	·27	-	·07	·17	·01	·15	·17	30
31	-	✕	·03	✕	·03	✕	·25	-	✕	-	✕	·05	31
TOTAL	1·71	·36	1·34	2·46	6·19	·48	2·67	2·38	1·31	2·90	1·36	·85	YEAR'S TOTAL 24·01
*Days with ·01 in. or more.	13	8	13	24	21	4	19	9	13	19	19	13	175
*Days with .04 in. or more.	11	3	9	22	14	3	12	5	9	14	10	8	120

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*See Instruction 2 (*f*) on other side.

(Signed) Vincent Turner

P.T.O.

Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE. Station No. 3132

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Kimberworth School, Rotherham.

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft – in.

,, Ground ,, Sea Level 258 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	.18	.14	.15	–	–	–	–	–	–	–	.02	–		1
2	.15	–	.37	–	–	–	–	–	–	tr.	.10	tr.		2
3	.03	.10	.12	–	.27	–	–	–	–	–	.05	–		3
4	.10	.02	.04	–	.06	–	–	–	–	–	–	–		4
5	.07	.01	.13	–	.20	–	–	–	–	–	tr.	–		5
6	–	.10	.02	–	.44	–	–	–	–	–	–	.06		6
7	–	.10	.02	–	.16	–	.33	–	–	.62	–	.03		7
8	tr.	.02	.03	–	tr.	–	.38	–	–	–	–	.03		8
9	–	.08	–	tr.	–	–	.28	–	–	.60	–	–		9
10	–	.09	–	–	–	.07	tr.	–	–	1.98	.03	–		10
11	–	–	–	–	.02	–	.09	–	–	.13	–	–		11
12	tr.	–	–	–	–	.06	.03	–	–	tr.	–	.05		12
13	–	–	–	–	.37	tr.	.08	tr.	.03	.07	.03	–		13
14	.01	–	–	–	.01	–	–	tr.	–	.04	.28	–		14
15	.62	–	.01	–	–	.04	–	.06	–	.12	.74	.08		15
16	.30	–	.32	.01	.05	.05	.19	.05	–	.10	.04	–		16
17	.12	–	.74	–	.02	.05	–	–	.02	–	.13	–		17
18	.04	.15	.08	tr.	–	.14	–	–	–	–	.11	–		18
19	.02	tr.	.41	.05	–	tr.	–	–	.10	–	.03	–		19
20	–	–	–	–	.02	.06	–	.12	.05	–	.02	–		20
21	–	–	–	–	tr.	.28	–	.07	.04	.01	.02	–		21
22	–	–	–	–	.02	.02	–	.18	–	.68	–	.02		22
23	tr.	.04	–	.10	–	tr.	–	tr.	.38	.01	–	–		23
24	–	.40	–	.20	.11	.25	–	–	.51	tr.	.05	.01		24
25	–	.30	–	.20	.05	.03	–	–	.30	–	.02	.05		25
26	–	1.11	–	.02	tr.	–	–	–	.03	.09	tr.	.03		26
27	–	.02	–	–	.13	–	–	–	.06	.18	–	–		27
28	–	tr.	–	.06	.09	–	.04	–	.01	.20	–	–		28
29	.02	×	–	.23	–	–	–	–	tr.	.19	–	–		29
30	.06	×	.03	.41	–	–	.02	–	–	.02	–	.05		30
31	.07	×	.02	×	–	×	tr.	tr.	×	.05	×	–		31
TOTAL	1.79	2.68	2.49	1.28	2.02	1.05	1.44	0.48	1.53	5.09	1.67	0.41	Year's Total 21.93	
*Days with .01 in. or more.	14	15	15	9	16	11	9	5	11	17	15	10	147	
*Days with .04 in. or more.	10	11	9	7	11	9	7	5	7	14	8	5	103	

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*See Instruction 2 (*f*) on other side.

D

† Spare column, no entries required.

(*Signed*) Vincent Turner

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3132

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Kimberworth Central School

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft – in.

,, Ground ,, Sea Level 258 ft.

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Jan. 1, following

Please read the Notes and Instructions Overleaf.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·01	–	–	tr.	–	–	–	·04	–	·07	–	·11		1
2	–	·01	·06	tr.	–	–	–	·04	·14	–	·07	·19		2
3	·01	·03	tr.	–	–	–	–	–	–	·20	·01	tr.		3
4	·03	–	·11	·34	·01	–	–	–	·07	·28	–	·62		4
5	–	–	–	·01	·22	–	–	·36	–	·05	·08	·04		5
6	–	–	·03	–	·19	·03	–	tr.	–	·10	–	·57		6
7	·03	–	·02	–	tr.	·03	–	–	–	·06	tr.	·21		7
8	–	–	·02	–	·17	·18	–	·04	–	·01	·33	·03		8
9	–	tr.	·16	·03	–	–	–	tr.	–	·03	·80	·18		9
10	tr.	–	·28	·19	–	–	–	·03	–	tr.	·12	tr.		10
11	·50	–	·12	·30	–	–	–	·03	–	–	tr.	·18		11
12	tr.	–	·20	·08	–	–	·35	–	–	·03	–	·09		12
13	·47	–	·01	·03	tr.	–	·65	·09	–	·02	–	·03		13
14	·03	–	·25	–	·04	·23	–	tr.	–	·15	·19	·31		14
15	·19	–	·09	–	·15	–	–	·05	·32	·03	·13	·02		15
16	·21	–	·09	–	·15	–	–	–	–	–	·05	·06		16
17	·17	–	·03	–	·01	–	·06	–	·12	·04	·03	·09		17
18	·09	–	·18	·27	–	·01	·02	–	–	tr.	–	·02		18
19	–	–	·12	·02	–	·06	–	–	·08	·01	–	tr.		19
20	–	–	·04	–	·03	·02	–	tr.	·01	–	–	–		20
21	–	–	tr.	–	·07	·21	–	–	·01	·01	–	tr.		21
22	–	–	–	–	–	–	–	·09	·30	·01	–	·01		22
23	–	–	·04	·06	·01	–	·43	tr.	–	·03	·10	·08		23
24	–	·09	·12	·09	–	·12	·13	–	·03	·07	–	·01		24
25	·03	–	–	·02	tr.	tr.	tr.	–	·08	·18	–	·44		25
26	·13	–	–	·16	–	·02	·01	–	·05	–	–	·02		26
27	–	·47	–	·44	–	·05	·02	–	·02	·11	–	·22		27
28	–	–	–	·16	–	·11	tr.	·13	–	·14	–	·27		28
29	–	–	·04	–	–	–	–	·03	·38	·02	–	·10		29
30	·05	×	–	–	–	–	·43	–	·02	·16	–	·04		30
31	·02	×	–	×	–	×	tr.	·05	×	·09	×	–		31
TOTAL	1·97	0·60	2·01	2·20	1·05	1·07	2·10	0·98	1·63	1·90	1·91	3·94	Year's Total. 21·36	
* Days with .01 in. or more.	15	4	20	15	11	12	9	12	14	24	11	25	172	
* Days with .04 in. or more.	8	2	15	10	7	7	6	9	9	14	9	18	114	

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† Spare column, no entries required.

(*Signed*) Vincent Turner

* See Instruction 2 (f) on other side.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3132

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Kimberworth Central School

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 258 ft.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·15	–	·75	·03	–	·09	–	–	·45	·06	·17	·26		1
2	–	·01	·03	–	–	·24	–	–	tr.	·61	·01	·03		2
3	–	·09	·09	·06	–	·05	–	·01	–	·07	·18	–		3
4	–	–	·03	·03	–	·09	·01	–	·02	·80	tr.	–		4
5	–	·21	·10	·07	–	·19	–	–	·01	·01	·08	·01		5
6	·04	tr.	tr.	·01	–	·15	–	–	–	–	–	–		6
7	·01	·01	–	·06	–	·40	–	–	–	·20	·40	·13		7
8	·01	–	·01	·10	–	·08	–	·38	–	·01	·01	·13		8
9	tr.	–	tr.	·12	–	·19	–	–	–	·62	·20	·02		9
10	–	–	–	·15	–	·02	–	–	–	·06	·13	–		10
11	·33	·01	–	–	–	·01	–	tr.	–	·01	·13	·11		11
12	·06	·08	–	–	–	·06	–	·02	tr.	–	–	tr.		12
13	·05	·05	–	·09	·11	·04	–	–	·01	tr.	·01	–		13
14	–	–	–	·02	·15	·04	·06	–	·20	–	·51	·13		14
15	·01	·14	–	·38	·05	·02	·09	–	·04	–	·22	·18		15
16	tr.	·50	·15	·02	–	·11	·05	–	·51	–	·61	–		16
17	–	·01	–	·11	–	·35	·25	·90	·05	–	·78	–		17
18	·03	–	–	·16	·08	·10	·28	·11	·19	·08	·07	–		18
19	·03	tr.	–	·09	tr.	·10	·05	–	–	·12	·29	–		19
20	tr.	·11	–	·67	–	·06	·02	–	–	–	·42	·01		20
21	–	·51	–	·03	–	–	–	–	·53	–	·11	·01		21
22	–	·35	·01	–	–	–	–	–	·01	–	·09	·01		22
23	–	tr.	·16	–	–	–	–	1·02	·05	·21	tr.	–		23
24	·14	·66	·05	–	–	–	–	tr.	1·07	–	–	·26		24
25	·16	·10	–	–	–	·04	–	–	tr.	tr.	tr.	·05		25
26	·20	·02	–	–	–	–	·02	·61	·34	·04	·05	·30		26
27	·01	·17	–	–	·02	–	·03	–	·21	·01	·04	·74		27
28	·05	·03	–	–	–	–	–	·16	·05	·02	tr.	·01		28
29	·01		·04	–	–	–	–	·01	·08	·07	·03	·17		29
30	·04		–	·02	–	–	–	·09	·05	·26	·44	·09		30
31	tr.		–		–		–	·03		·30		·10		31
													Year's Total	
TOTAL	1·33	3·06	1·42	2·22	0·41	2·43	0·86	3·34	3·87	3·56	4·98	2·75	30·23	
* Days with .01 in. or more.	17	18	11	19	5	21	10	11	18	19	23	20	192	
* Days with .04 in. or more.	10	12	7	12	4	18	6	7	14	14	19	13	136	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Vincent Turner

P.T.O.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations
Station No. 3132

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936

Kept at Kimberworth Central School
in the County of York
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
,, Ground ,, Sea Level 258 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·01	·28	·13	·48	—	·04	·25	·13	—	—	·05	·20		1
2	·01	·01	·08	·03	—	·56	·08	·06	—	tr.	·29	·14		2
3	tr.	—	—	—	—	·09	tr.	·03	·15	—	·01	·05		3
4	·02	·10	·01	·01	—	·13	—	·06	·07	—	·20	·10		4
5	·11	·01	·42	—	·02	—	·01	·10	·12	—	—	·30		5
6	tr.	—	—	—	·02	·02	·13	·26	·40	—	·14	—		6
7	·20	·01	·02	—	·01	—	·31	—	·16	·02	·03	·02		7
8	·12	—	·08	—	—	—	·01	—	—	—	·15	—		8
9	·27	—	·07	—	·02	·01	·63	tr.	—	·03	·29	—		9
10	·03	—	tr.	·01	—	—	·66	·25	·04	—	·14	—		10
11	—	—	·01	·05	—	·01	·02	·03	—	—	·43	·01		11
12	—	—	—	·15	·05	·80	·31	·01	·42	—	·17	·08		12
13	—	—	—	·04	—	·16	·04	—	·09	·03	tr.	·47		13
14	—	·01	—	·17	—	·04	·02	—	·11	·02	·05	·10		14
15	·29	·03	—	·21	·11	·03	·01	·15	·01	—	·18	·04		15
16	·15	·03	—	·01	·01	—	·02	—	—	·01	·48	·01		16
17	—	·54	—	—	·03	—	·03	tr.	—	·03	·03	·08		17
18	·03	·03	—	—	—	—	·15	·01	—	·24	·01	·01		18
19	·39	·07	—	·05	—	·16	·01	·25	—	·15	—	—		19
20	·09	·17	·07	—	—	·16	tr.	·01	·02	·02	tr.	—		20
21	—	tr.	tr.	·07	—	·03	—	—	—	—	—	—		21
22	·01	·50	·13	—	·03	·89	·17	—	—	—	·02	·01		22
23	—	·01	·13	·04	·14	—	·36	—	—	—	—	—		23
24	·18	·04	—	·03	·21	—	·01	—	·19	·28	—	—		24
25	·18	—	·06	·02	—	—	·04	—	·30	·11	—	—		25
26	·01	·07	·45	—	—	—	—	—	·08	·42	·02	—		26
27	·17	—	·01	—	—	—	—	—	·15	·26	—	—		27
28	·22	·60	·15	—	—	tr.	·13	—	·01	—	·03	·08		28
29	·15	·49	·10	—	—	·28	·01	—	—	·04	·17	·18		29
30	·06	✕	—	—	·64	·04	·10	—	—	·65	·08	·02		30
31	·03	✕	·03	✕	—	✕	·01	—	✕	·04	✕	·10		31
TOTAL	2·73	3·00	1·95	1·37	1·29	3·45	3·52	1·35	2·32	2·35	2·97	2·00	Year's Total 28·30	✓
* Days with .01 in. or more.	22	18	17	15	12	17	25	13	16	16	21	19	211	
* Days with .04 in. or more.	14	10	12	9	5	12	14	8	13	9	14	13	133	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Vincent Turner

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3132

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at KIMBERWORTH CENTRAL SCHOOL

in the County of YORK

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

" Ground " Sea Level 258 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·08	·08	·06	—	—	—	·01	—	·03	—	·03	·15		1
2	·04	·07	·01	·24	—	·01	—	—	—	—	·01	1·78		2
3	—	·03	—	·20	·01	·01	·01	—	—	—	—	·03		3
4	·10	·03	·03	·05	·01	—	—	—	—	—	—	·28		4
5	·30	—	·08	—	—	—	—	—	—	—	—	·04		5
6	—	—	·06	·02	·21	—	·19	—	—	—	·03	·21		6
7	·02	·39	—	·12	·13	·02	—	—	—	—	·05	tr.		7
8	—	·45	·01	·04	·01	—	tr.	—	—	—	·11	·04		8
9	—	·24	—	·03	·26	—	·57	·03	—	—	—	·05		9
10	·01	·03	·08	·10	·01	·04	tr.	·01	—	·01	·01	·22		10
11	—	—	1·08	—	·82	—	—	—	—	—	—	·03		11
12	·10	·22	·05	·01	·31	·23	—	—	·25	—	—	·13		12
13	—	·03	·01	·01	·06	·86	—	·02	·10	—	—	·17		13
14	—	·01	·45	·02	tr.	·01	—	·02	·02	—	—	·15		14
15	·10	·20	tr.	·27	—	—	1·93	—	·02	—	—	·04		15
16	·06	·10	·10	·51	·01	·01	—	·06	·29	—	—	tr.		16
17	·28	·03	·31	·12	—	—	—	—	·62	—	—	—		17
18	1·20	·02	·08	·01	—	·05	·04	·01	tr.	—	·66	—		18
19	—	·02	·01	·01	—	·16	·13	—	—	—	·48	—		19
20	·21	·25	tr.	·35	·66	—	—	—	·05	—	—	—		20
21	·04	tr.	·01	tr.	·01	—	·15	—	—	·02	—	·02		21
22	·02	—	—	—	·03	—	·01	—	—	·12	·28	·01		22
23	·42	—	—	—	tr.	—	—	—	—	1·50	·44	—		23
24	·25	·24	—	—	·02	·02	—	—	—	·27	·01	—		24
25	·08	·32	·12	—	—	—	—	—	·01	·25	—	·02		25
26	—	·19	·15	—	·38	—	—	—	—	·01	·01	·01		26
27	—	·30	·01	·14	tr.	—	—	—	—	·61	—	·02		27
28	tr.	·33	·08	—	—	—	—	—	—	tr.	—	tr.		28
29	·09	✗	·01	—	—	—	—	—	—	·01	·02	·02		29
30	·26	✗	—	—	—	·05	—	·02	—	·01	·02	·05		30
31	·37	✗	—	✗	—	✗	—	—	✗	·22	✗	·05		31
TOTAL	4·03	3·58	2·80	2·28	2·94	1·47	3·04	0·14	1·39	3·03	2·16	3·52	Year's Total 30·41	✓
* Days with .01 in. or more.	20	22	21	18	16	12	9	7	9	11	14	23	182	✓
* Days with .04 in. or more.	14	14	13	11	8	6	6	1	5	6	6	14	104	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Vincent Turner .O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3132

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at KIMBERWORTH CENTRAL SCHOOL
in the County of YORK
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" Ground " Sea Level 258 ft.

Dec. Wet day Total Corr. for Anth. 43.39 EM7.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.02	0.01	—	—	0.01	0.46	0.57	—	tr.	0.04	0.02	0.11		1
2	0.05	0.01	—	0.04	0.04	0.08	tr.	—	—	0.10	0.06	0.03		2
3	0.03	—	—	tr.	—	0.02	0.05	—	0.17	0.78	0.04	0.06		3
4	0.07	—	—	—	—	0.05	0.06	—	—	0.10	0.04	0.11		4
5	tr.	—	—	—	—	0.05	0.04	0.30	0.02	0.29	—	0.03		5
6	0.02	0.02	—	—	—	—	0.37	0.20	0.02	0.05	—	tr.		6
7	0.10	—	—	—	—	—	0.20	0.04	0.32	0.03	—	0.06		7
8	0.40	—	—	—	—	—	0.08	tr.	tr.	0.31	—	0.02		8
9	0.03	0.07	—	—	—	0.10	0.02	0.55	—	0.01	—	0.32		9
10	—	0.02	—	—	—	—	0.34	0.01	0.01	—	0.01	0.06		10
11	0.26	—	—	—	—	—	0.01	—	—	0.02	0.03	0.04		11
12	0.10	0.03	—	—	0.05	—	0.02	0.21	—	0.36	0.06	—		12
13	0.03	0.05	—	—	—	—	—	0.37	—	0.12	0.05	0.24		13
14	0.35	0.05	—	—	0.02	—	0.31	0.01	0.22	—	0.01	0.01		14
15	0.15	tr.	—	—	—	—	0.45	—	tr.	—	0.01	0.35		15
16	0.09	—	tr.	—	0.01	—	0.33	0.02	—	0.03	0.05	0.19		16
17	tr.	—	—	—	0.29	—	0.11	—	0.04	0.02	tr.	0.02		17
18	0.02	0.01	—	—	0.19	0.07	—	tr.	0.19	0.06	0.20	—		18
19	—	0.01	—	—	0.03	—	—	0.08	0.01	0.01	0.01	0.14		19
20	0.01	—	—	—	—	—	—	—	0.04	0.01	0.29	0.18		20
21	0.01	—	0.02	—	—	—	—	—	0.01	—	0.01	0.21		21
22	—	—	—	0.01	—	0.32	—	—	—	—	0.29	0.16		22
23	—	—	—	—	0.01	0.07	—	—	0.40	—	0.13	tr.		23
24	tr.	—	0.10	tr.	—	tr.	—	0.27	0.23	0.04	0.08	0.01		24
25	0.08	0.11	0.01	—	—	—	0.02	0.03	tr.	0.19	0.67	0.12		25
26	0.01	0.53	0.06	—	—	0.03	—	—	0.18	0.07	0.02	0.01		26
27	0.02	0.03	—	—	0.12	0.26	0.20	0.34	0.05	0.02	0.16	—		27
28	0.26	0.01	—	—	0.55	0.13	0.08	0.46	0.11	0.03	0.01	0.04		28
29	0.05	X	tr.	0.07	0.49	0.01	0.04	tr.	0.07	tr.	0.09	0.03		29
30	0.05	✕	—	—	0.05	0.09	—	—	0.12	—	0.12	0.03		30
31	0.17	✕	—	✕	0.29	✕	—	0.01	✕	0.26	✕	0.54		31
TOTAL	2.39	0.96	0.19	0.12	2.15	1.74	3.30	2.90	2.21	2.95	2.46	3.12	Year's Total 24.49	
* Days with .01 in. or more.	24	14	4	3	14	14	19	15	18	23	24	26	198	
* Days with .04 in. or more.	14	5	2	2	9	11	15	10	13	14	15	18 7	127	

† Spare column, no entries required.

(Signed) Vincent [illegible]

P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations — Station No. 3132

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at KIMBERWORTH CENTRAL SCHOOL

in the County of YORK

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 258 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0·01	—	0·03	0·08	—	—	0·04	0·10	0·08	0·01	—	0·01		1
2	0·07	—	Trace	0·09	—	—	—	0·14	0·13	0·04	0·08	0·04		2
3	0·14	—	—	0·17	—	—	—	0·27	Trace	—	0·18	0·20		3
4	0·24	—	0·21	0·44	—	—	0·06	0·25	—	0·02	0·05	0·96		4
5	—	—	Trace	Trace	0·05	—	0·03	0·18	—	0·08	0·25	0·18		5
6	0·43	—	—	—	—	—	0·41	—	—	0·02	0·14	—		6
7	0·01	0·05	0·05	—	—	—	0·02	—	—	0·01	0·28	0·44		7
8	0·06	0·04	0·12	—	—	—	0·17	—	—	—	0·05	0·07		8
9	0·01	0·07	—	—	—	—	0·02	0·13	—	0·54	—	0·17		9
10	0·71	Trace	0·03	—	—	0·01	—	0·01	Trace	0·03	—	—		10
11	0·05	0·01	0·18	—	0·05	0·31	—	0·01	0·18	Trace	—	0·01		11
12	0·06	0·06	0·01	—	—	0·17	—	—	Trace	—	—	—		12
13	—	Trace	—	0·03	0·06	0·19	0·01	—	0·02	0·04	—	—		13
14	0·58	—	0·02	0·13	0·26	0·10	0·36	—	—	0·30	0·04	—		14
15	0·18	—	—	—	0·46	0·27	0·47	—	0·01	0·02	0·02	—		15
16	0·01	—	0·30	—	0·93	0·02	0·20	—	Trace	Trace	—	—		16
17	1·11	—	0·02	0·23	0·03	—	0·16	—	—	0·86	0·07	—		17
18	0·04	0·02	0·02	—	Trace	0·25	0·15	—	0·02	0·02	0·91	—		18
19	0·15	—	Trace	—	—	0·29	0·34	0·02	0·05	Trace	Trace	0·01		19
20	0·01	—	—	—	—	0·26	0·03	0·41	0·55	—	—	—		20
21	0·10	0·12	0·20	0·01	0·05	0·32	0·13	0·27	0·12	Trace	—	—		21
22	0·10	0·27	0·06	—	—	—	0·05	Trace	0·01	0·02	0·09	—		22
23	0·07	Trace	0·02	0·06	—	0·07	0·03	Trace	—	0·10	0·39	—		23
24	0·04	—	0·04	0·02	—	0·03	0·04	0·01	—	Trace	Trace	—		24
25	0·61	0·02	Trace	—	—	Trace	Trace	0·38	—	—	0·52	0·07		25
26	0·10	0·04	Trace	Trace	—	—	—	0·01	—	0·03	0·16	0·03		26
27	Trace	0·05	0·38	0·01	—	0·05	0·03	—	—	0·23	0·13	—		27
28	0·04	0·09	0·23	0·18	—	0·04	0·15	0·02	—	0·01	0·14	—		28
29	—	×	0·01	0·09	—	Trace	0·50	—	—	0·20	0·02	—		29
30	—	×	Trace	—	—	0·01	Trace	—	—	—	0·10	—		30
31	—	×	Trace	×	—	×	0·03	0·03	×	0·04	×	—		31
TOTAL	4·93	0·84	1·93	1·54	1·89	2·39	3·43	2·24	1·17	2·62	3·62	2·19	Year's Tot 28·79 ✓	
* Days with .01 in. or more.	25	12	18	13	8	16	23	16	10	20	19	12	192 ✓	
* Days with .04 in. or more.	20	9	10	9	7	12	15	9	6	10	16	8	131 ✓	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) .... [P.T.O.

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Station No. 3132 ✓

Section A for the entry of Daily Observations

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	0.06	—	0.01	tr.	—	—	—	—	—	0.24	—		1
2	—	0.05	—	0.25	—	—	0.01	—	—	—	0.44	0.02		2
3	0.03	0.19	tr.	0.11	—	—	—	—	—	0.12	0.22	tr.		3
4	—	0.07	—	tr	—	—	—	—	—	0.12	0.21	0.04		4
5	—	—	—	—	0.17	—	0.17	—	—	0.19	0.20	0.40		5
6	0.06	0.18	—	—	—	—	—	—	—	1.15	0.01	0.05		6
7	0.01	0.21	—	0.12	0.11	—	—	—	0.04	—	—	tr.		7
8	—	tr.	—	0.07	—	—	—	tr.	—	0.15	tr.	0.07		8
9	—	—	0.22	0.01	—	—	tr.	0.01	0.04	0.06	0.62	0.01		9
10	—	—	tr.	—	—	—	1.11	tr.	—	—	0.14	0.31		10
11	—	0.07	tr.	—	—	—	0.15	—	—	—	0.89	tr.		11
12	—	0.02	0.23	—	—	—	0.03	—	0.05	—	0.20	—		12
13	—	0.05	0.24	—	—	—	—	tr	0.10	—	tr.	tr.		13
14	—	tr.	0.03	0.08	0.21	—	0.23	—	0.02	—	—	0.25		14
15	tr.	—	0.05	—	0.04	—	tr.	—	0.02	0.01	0.14	tr.		15
16	0.19	0.18	0.18	—	—	tr.	0.47	—	0.13	0.79	0.59	0.02		16
17	—	0.04	0.26	—	—	—	0.50	—	0.10	tr	0.45	tr.		17
18	0.10	0.25	0.11	0.91	—	—	0.06	0.07	0.11	0.02	0.02	0.04		18
19	—	0.15	0.03	0.28	—	—	0.23	tr.	0.18	0.06	0.16	0.02		19
20	—	0.01	—	0.20	—	0.05	0.06	0.09	—	0.13	0.05	—		20
21	0.04	tr	0.03	tr.	—	0.40	0.02	—	—	tr.	1.09	—		21
22	—	—	0.03	—	0.14	0.12	—	—	0.05	0.02	tr	0.04		22
23	—	0.08	0.04	0.01	0.08	0.05	0.15	—	—	0.04	0.09	0.04		23
24	0.10	—	—	0.02	—	—	0.04	—	0.01	0.08	tr.	0.02		24
25	0.04	—	—	tr.	—	tr	—	—	—	0.05	—	—		25
26	0.60	0.01	—	—	0.04	0.05	—	0.04	—	0.05	—	—		26
27	1.54	0.06	—	—	0.02	—	0.08	—	—	—	—	—		27
28	0.08	0.79	—	tr.	0.06	—	—	—	—	—	—	—		28
29	—	—	0.09	0.01	—	0.02	—	—	—	tr.	0.04	0.20		29
30	0.16	✕	—	0.27	—	—	—	—	—	0.20	tr.	0.22		30
31	0.16	✕	0.11	✕	—	✕	—	—	✕	0.89	✕	0.25		31
													Year's Total	
TOTAL	3.11	2.47	1.65	2.35	0.87	0.69	3.31	0.21	0.85	4.13	5.80	2.00	27.44	
* Days with .01 in. or more.	13	18	14	14	9	6	15	4	12	18	19	17	159	
* Days with .04 in. or more.	11	15	10	9	8	5	12	3	9	15	14	12	126	

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

* See Instruction 3 (f) on other side.

ROTHERHAM (SPURLEY HE

Section **A** for the entr
AIR MINI

Station No. 3132/5
ALL ORGANIZATION.

FORM 1090.

REC

35. WR 7.

3132/5

ROTHERHAM, SPURLEY HEY SCHL.

1935 — 38

Kept at Spurley Hey

in the County of ....

Diameter of Funnel of Gauge.

Height of top of Gauge above

„ Ground „

THE MORNING MEAS

An observer who does not conf

year in the space on the right

e following

Jan. 1, following

Date	Jan.	Feb.	Mar.								ov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·19	–	·50	·01	–	·08	–	–	·63	·03	·16	·26		1
2	–	·02	·02	tr.	–	·29	tr.	tr.	–	·50	tr.	·02		2
3	–	·08	·15	·06	–	·04	–	–	tr.	·16	·20	–		3
4	–	–	·02	·01	–	·10	tr.	–	·01	·68	–	–		4
5	·01	·22	·09	·04	–	·29	–	–	tr.	tr.	·06	–		5
6	·03	–	tr.	·03	–	·19	–	–	–	tr.	–	–		6
7	·01	–	–	·07	–	·29	–	–	–	·16	·41	·12		7
8	tr	–	·01	·10	–	·03	–	·30	–	tr.	·03	·14		8
9	–	–	–	·12	–	·15	–	–	–	·58	·16	·02		9
10	–	–	–	·16	–	·01	–	tr.	–	·04	·02	–		10
11	·30	tr.	–	–	–	–	–	tr.	–	tr.	·12	·12		11
12	·02	·11	–	–	–	·08	–	–	tr.	–	·03	tr.		12
13	·05	·06	–	·09	·10	–	–	–	tr.	–	·01	–		13
14	–	–	–	–	·09	·03	tr.	–	·33	–	·53	·15		14
15	–	·06	–	·38	·03	–	·10	–	·08	–	·22	·18		15
16	–	·52	·16	·01	–	·08	·02	–	·46	–	·58	–		16
17	–	–	–	·10	·02	·36	·68	·49	·02	–	·76	–		17
18	·03	–	–	·18	·07	·04	·25	·11	·16	·09	·12	–		18
19	–	tr.	–	·07	–	·12	·04	tr.	–	·08	·29	–		19
20	–	·05	–	·56	–	·07	·01	–	–	–	·42	–		20
21	·03	·64	–	·04	–	–	–	–	·40	–	·12	·02		21
22	–	·14	tr.	–	–	–	–	tr.	–	–	·08	–		22
23	–	–	·10	tr.	–	–	–	·96	·07	·15	tr.	–		23
24	·10	·73	·06	–	–	–	–	–	·98	–	–	·28		24
25	·16	·12	tr.	–	–	·02	–	–	–	–	–	·03		25
26	·14	·01	–	–	–	–	·02	·68	·36	·02	·03	·32		26
27	·02	·17	–	–	·01	–	tr.	–	·05	–	·05	·62		27
28	·03	·03	–	–	–	–	–	·13	·05	·02	tr.	·23		28
29	·03		·04	–	–	–	–	tr.	·08	–	·04	·16		29
30	·04		–	·02	–	–	–	·09	·06	·18	·43	·03		30
31	–		–		–		–	·02		·34		·16		31
													Year's Total	
TOTAL	1·19	2·96	1·15	2·05	0·32	2·27	1·12	2·78	3·74	3·03	4·87	2·86	28·34	
* Days with .01 in. or more.	16	15	10	18	6	18	7	8	15	14	23	17	167	
* Days with .04 in. or more.	7	12	7	13	3	14	4	7	13	11	18	12	121	

Print

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Vincent Turner [P.T.O.

N

VINCENT TURNER Esq. C.E.

ROTHERHAM (SPURLEY HE

Station No. 3132/5

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

WR 7.

Kept at Spurley Hey Central School
in the County of York
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
,, Ground ,, Sea Level 130 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·19	–	·50	·01	–	·08	–	–	·63	·03	·16	·26		1
2	–	·02	·02	tr.	–	·29	tr.	tr.	–	·50	tr.	·02		2
3	–	·08	·15	·06	–	·04	–	–	tr.	·16	·20	–		3
4	–	–	·02	·01	–	·10	tr.	–	·01	·68	–	–		4
5	·01	·22	·09	·04	–	·29	–	–	tr.	tr.	·06	–		5
6	·03	–	tr.	·03	–	·19	–	–	–	tr.	–	–		6
7	·01	–	–	·07	–	·29	–	–	–	·16	·41	·12		7
8	tr	–	·01	·10	–	·03	–	·30	–	tr.	·03	·14		8
9	–	–	–	·12	–	·15	–	–	–	·58	·16	·02		9
10	–	–	–	·16	–	·01	–	tr.	–	·04	·02	–		10
11	·30	tr.	–	–	–	–	–	tr.	–	tr.	·12	·12		11
12	·02	·11	–	–	–	·08	–	–	tr.	–	·03	tr.		12
13	·05	·06	–	·09	·10	–	–	–	tr.	–	·01	–		13
14	–	–	–	–	·09	·03	tr.	–	·33	–	·53	·15		14
15	–	·06	–	·38	·03	–	·10	–	·08	–	·22	·18		15
16	–	·52	·16	·01	–	·08	·02	–	·46	–	·58	–		16
17	–	–	–	·10	·02	·36	·68	·49	·02	–	·76	–		17
18	·03	–	–	·18	·07	·04	·25	·11	·16	·09	·12	–		18
19	–	tr.	–	·07	–	·12	·04	tr.	–	·08	·29	–		19
20	–	·05	–	·56	–	·07	·01	–	–	–	·42	–		20
21	·03	·64	–	·04	–	–	–	–	·40	–	·12	·02		21
22	–	·14	tr.	–	–	–	–	tr.	–	–	·08	–		22
23	–	–	·10	tr.	–	–	–	·96	·07	·15	tr.	–		23
24	·10	·73	·06	–	–	–	–	–	·98	–	–	·28		24
25	·16	·12	tr.	–	–	·02	–	–	–	–	–	·03		25
26	·14	·01	–	–	–	–	·02	·68	·36	·02	·03	·32		26
27	·02	·17	–	–	·01	–	tr.	–	·05	–	·05	·62		27
28	·03	·03	–	–	–	–	–	·13	·05	·02	tr.	·23		28
29	·03		·04	–	–	–	–	tr.	·08	–	·04	·16		29
30	·04		–	·02	–	–	–	·09	·06	·18	·43	·03		30
31	–		–		–		–	·02		·34		·16		31
													Year's Total	
TOTAL	1·19	2·96	1·15	2·05	0·32	2·27	1·12	2·78	3·74	3·03	4·87	2·86	28·34	
* Days with .01 in. or more.	16	15	10	18	6	18	7	8	15	14	23	17	167	
* Days with .04 in. or more.	7	12	7	13	3	14	4	7	13	11	18	12	121	

Print

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Vincent Turner [P.T.O.

N · VINCENT TURNER Esq. c.e.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3132/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936

Kept at Spurley Hey Central School.

in the County of York.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 130 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	·16	·10	·36	–	–	·05	·20	tr.	tr.	·05	·18		1
2	·01	·03	·08	·01	–	·52	·15	·03	–	–	·23	·12		2
3	–	·06	–	–	–	·09	tr.	·02	·20	–	tr.	·04		3
4	tr.	–	–	–	tr.	·06	–	·01	·07	–	·25	·12		4
5	·07	·02	·38	–	·01	–	tr.	·20	·05	–	tr.	·30		5
6	–	–	–	–	tr.	·02	·13	·21	·38	–	·13	–		6
7	·21	–	·02	–	–	–	·32	–	·12	·02	·02	·01		7
8	·12	–	·10	–	–	–	·01	–	–	–	·15	–		8
9	·24	tr.	·03	–	·04	tr.	·96	tr.	–	·10	·30	tr.		9
10	·04	–	–	tr.	–	–	·62	·42	·04	·03	·14	–		10
11	–	–	–	·09	–	·01	·03	·15	tr.	tr.	·41	–		11
12	–	–	–	·14	·03	·70	·30	–	·32	–	·07	·01		12
13	–	–	–	·04	–	·16	·03	–	·20	·04	–	·49		13
14	–	–	–	·14	–	·08	tr.	–	·13	tr.	·05	·10		14
15	·23	tr.	·01	·16	·02	·01	tr.	·22	·01	–	·18	·06		15
16	·11	·05	–	·07	tr.	–	·01	–	–	–	·44	tr.		16
17	tr.	·50	–	–	·03	–	·03	–	–	·02	·02	·07		17
18	–	·02	–	–	–	–	·14	·02	–	·24	tr.	tr.		18
19	·79	·07	–	·04	–	·35	–	·31	–	·06	–	–		19
20	·06	·17	·03	–	–	·05	–	–	·01	·02	–	–		20
21	·01	–	·05	·09	tr.	·14	–	–	–	–	–	–		21
22	·01	·42	·13	–	·03	·90	·18	–	–	–	–	–		22
23	–	·02	·05	·04	·14	–	·34	–	–	–	–	tr.		23
24	·17	·07	–	·04	·25	–	–	–	·18	·25	·01	–		24
25	·20	–	·07	·03	–	tr.	·08	–	·25	·09	–	–		25
26	tr.	·07	·47	–	–	–	–	–	·07	·45	·05	–		26
27	·19	–	·06	–	–	–	–	–	·10	·35	–	–		27
28	·22	·65	·04	–	–	·01	·10	–	–	–	·02	·08		28
29	·22	·39	·15	–	tr.	·26	–	–	–	·05	·22	·20		29
30	·07	✕	tr.	–	·53	·02	·14	–	–	·67	·08	·01		30
31	·07	✕	·03	✕	·01	✕	tr.	–	✕	–	✕	·10		31
TOTAL	3·04	2·70	1·80	1·25	1·09	3·38	3·62	1·79	2·13	2·39	2·82	1·89	Year's Total 27·90 ✓	
* Days with .01 in. or more.	19	15	17	13	10	16	18	11	15	14	19	15	182 ✓	
* Days with .04 in. or more.	16	11	12	11	4	11	13	7	13	10	15	12	135 ✓	

† Spare column, no entries required.

*See Instruction 3 (f) on other side.

(*Signed*) Vincent Turner / R.J.M. [P.T.O.

COPY FOR OFFICIAL USE

Section A **for the entry of Daily Observations** **Station No.** 3132/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Spurley Hey Central School

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 130 ft.

Ackd.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·01	·09	·03	—	—	—	—	—	·08	—	·03	·10		1
2	·02	·07	·02	·23	—	tr.	—	—	—	—	tr.	1.46		2
3	—	·05	—	·13	—	—	·02	—	—	—	—	·04		3
4	·07	·02	·04	·10	tr.	—	—	—	—	—	—	·33		4
5	·25	—	·08	—	—	—	—	—	—	—	—	tr.		5
6	tr.	—	·04	·02	·22	—	·08	—	—	—	·03	·20		6
7	—	·43	—	·16	·10	—	—	—	—	—	·03	·08		7
8	—	·44	—	·05	—	—	·07	—	—	—	·12	·05		8
9	—	·29	—	·04	·24	—	·54	·03	—	—	—	·05		9
10	·01	·03	·03	·10	tr.	·09	—	—	—	—	tr.	·22		10
11	—	—	·80	—	·87	tr.	—	·01	—	—	—	·01		11
12	·12	·28	·04	—	·33	·10	—	—	·23	—	—	·13		12
13	—	·04	·01	—	·03	1·00	—	tr.	·10	—	—	·21		13
14	—	tr.	·50	·03	tr.	·01	—	tr.	·02	—	—	·12		14
15	·15	·17	—	·36	—	—	1.78	—	tr.	—	—	·01		15
16	·04	·06	·25	·58	—	·01	—	·06	·26	—	—	—		16
17	·24	·05	·30	·18	—	—	—	—	·82	—	—	—		17
18	1·03	·01	·07	—	—	—	·03	·01	·01	—	·49	—		18
19	—	—	—	·01	—	·18	·24	—	—	—	·33	—		19
20	·22	·27	—	·30	·64	—	—	—	tr.	—	·03	tr.		20
21	·03	—	—	—	—	—	·19	—	—	·04	—	—		21
22	—	—	·02	—	·04	—	—	—	—	·15	·18	—		22
23	·34	—	—	—	·02	—	·09	—	—	1·75	·40	—		23
24	·20	·28	—	—	tr.	·03	tr.	—	·10		—	—		24
25	·09	·29	·11	—	·03	—	—	—	tr.	·30	tr.	·01		25
26	—	·20	·12	—	·32	—	—	—	—	—	—	—		26
27	—	·22	·04	·17	—	—	—	—	—	·65	—	·02		27
28	—	·35	·01	—	—	—	—	—	—	tr.	—	—		28
29	·03	✕	·02	—	—	·02	—	—	—	—	·01	·02		29
30	·36	✕	—	—	—	·02	—	—	—	—	·03	·04		30
31	·31	✕	—	✕	—	✕	—	·01	✕	·18	✕	·04		31
TOTAL	3.52	3.64	2.53	2.46	2.84	1.46	3.04	0.12	1.62	3.07	1.68	3.44	Year's Total 29.42	✓
* Days with .01 in. or more.	18	20	19	15	11	9	9	5	8	7 ✓	11	19	151	✓
* Days with .04 in. or more.	13	17	12	12	8	4	7	1	6	7 ✓	5	14	106	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Vincent Turner P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations Station No. 3132/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Spurley Hey Central School

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

„ Ground „ Sea Level 130 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	tr.	tr.	—	—	0.05	0.50	0.05	—	—	0.07	0.01	0.17		1
2	0.06	tr.	—	0.04	—	0.06	—	—	—	0.06	0.06	0.08		2
3	tr.	tr.	—	—	—	0.04	0.07	—	0.19	0.90	0.01	—		3
4	0.06	tr.	—	—	—	0.01	0.03	—	—	0.70	0.03	0.10		4
5	tr.	tr.	—	—	—	—	0.01	0.34	0.02	0.33	tr.	0.04		5
6	0.03	0.02	—	—	—	—	0.33	0.26	—	0.05	—	—		6
7	0.14	tr.	—	—	—	—	0.13	0.05	0.30	0.03	—	0.05		7
8	0.30	0.04	—	—	—	—	0.16	—	—	0.33	—	—		8
9	0.05	0.05	—	—	—	0.10	tr.	1.37	—	—	—	0.38		9
10	tr.	0.01	—	—	—	—	0.38	—	tr.	—	tr.	0.05		10
11	0.27	—	—	—	—	tr.	0.03	—	—	0.02	0.04	0.05		11
12	0.10	0.02	—	—	0.04	—	—	0.85	0.02	0.35	0.06	tr.		12
13	0.03	0.04	—	—	—	—	—	0.18	—	0.09	0.07	0.33		13
14	0.23	tr.	—	—	0.05	—	0.50	—	0.21	tr.	tr.	tr.		14
15	0.30	—	—	—	—	—	0.42	—	—	tr.	0.01	0.40		15
16	0.09	—	—	—	—	—	0.41	0.02	—	0.02	0.06	0.20		16
17	tr.	0.01	—	—	0.33	—	0.12	—	0.05	0.02	—	tr.		17
18	tr.	—	—	—	0.14	0.08	—	—	—	0.08	0.22	—		18
19	tr.	tr.	—	—	—	—	—	0.08	0.01	—	—	0.13		19
20	tr.	—	—	—	—	—	—	—	0.02	—	0.34	0.14		20
21	tr.	—	0.02	—	—	—	—	—	—	—	tr.	0.13		21
22	tr.	—	—	0.01	—	0.40	—	—	—	—	0.34	0.16		22
23	tr.	—	—	tr.	0.01	0.08	—	—	0.30	—	0.20	—		23
24	tr.	—	0.11	—	—	—	—	0.22	0.20	0.02	0.09	—		24
25	0.07	0.09	—	—	tr.	—	0.01	0.04	—	0.20	0.77	0.10		25
26	tr.	0.75	0.08	—	—	—	—	—	0.18	0.07	—	—		26
27	0.02	0.03	tr.	—	0.08	0.17	0.18	0.31	0.06	0.02	0.13	tr.		27
28	0.25	—	—	—	0.60	0.10	0.08	0.40	0.17	0.04	tr.	0.02		28
29	0.05	✕	—	0.05	0.50	0.02	0.01	—	tr.	tr.	0.10	0.06		29
30	0.02	✕	—	—	0.03	0.13	—	—	0.10	0.01	0.11	0.06		30
31	0.17	✕	—	✕	0.24	✕	—	—	✕	0.18	✕	0.60		31
TOTAL	2.24	1.06	0.21	0.10	2.07	1.69	2.92	4.12	1.83	3.59	2.65	3.25	Year's Total 25.73	✓
* Days with .01 in. or more.	18	10	3	3	11	12	17	12	14	21	18	20	159	✓
* Days with .04 in. or more.	14	5	2	2	9	10	12	11	10	14	14	19	122	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) Vincent [illegible] / MR

P.T.O.

3133

Section **A** for the entry … OPY FOR OFFICIAL USE.
AIR MINISTE… ORGANIZATION.

FORM 1090. **REGIS…**

Kept at Corporation Sew…
in the County of Yo…
Diameter of Funnel of Gauge…
Height of top of Gauge above Grou…
,, Ground ,, Sea …

THE MORNING MEAS…

An observer who does not conform t… …llowing
year in the space on the right of t…

Jan. 1, following

3133
ROTHERHAM, SEWAGE WORKS
1931 — 38

780507

to amendment
f 680070/36

Date	Jan.	Feb.	March								Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	·02	SNOW ·09	—	—	·12	—	—	·02	·02	—	—	1
2	—	·01	—	·63	·01	·58	—	—	·46	—	—	·04	2
3	—	—	—	·09	—	·01	·04	—	·99	—	·15	·13	3
4	·02	SNOW ·08	—	·06	—	—	·40	·11	No records kept owing to gauges being in flood	—	·10	·01	4
5	—	·01	—	—	·08	1·02	·01	·63		—	—	·22	5
6	—	SNOW.RAIN ·31	SNOW ·07	—	—	·10	·29	—		·13	·04	—	6
7	—	—	SNOW ·01	—	—	·52	·01	·89		·06	·19	—	7
8	·02	·07	SNOW ·05	·01	·03	·01	·06	·75		—	·13	—	8
9	—	·17	—	·18	·03	·19	·02	·28	·01	—	·30	·02	9
10	—	·11	SNOW ·03	—	·02	·01	—	·05	·02	—	·07	·02	10
11	—	·29	—	—	—	·01	·02	—	·22	—	—	—	11
12	·05	·06	—	—	—	·01	·67	—	}	·06	·02	—	12
13	·01	—	—	—	—	·02	·10	·06	} ·06	—	—	—	13
14	·01	·07	—	—	—	THUNDER ·68 STORM	·34	·66	—	—	·61	·01	14
15	·01	·04	—	·08	·01	—	·13	·03	—	—	·01	·04	15
16	·09	SNOW ·19	—	·06	·14	·80	—	·07	·25	—	—	—	16
17	—	·15	—	·43	·05	·05	·10	·04	—	—	—	—	17
18	—	·01	—	·26	—	·22	·36	·04	—	—	·53	—	18
19	·04	—	—	·11	—	·09	·12	·09	·08	·04	—	·03	19
20	·02	·07	—	·07	—	—	—	·27	—	—	—	·03	20
21	·06	—	—	—	·21	—	—	—	—	—	·17	—	21
22	—	—	—	—	·18	—	—	—	—	—	—	—	22
23	·47	—	·01	·07	·45	·16	·12	—	—	—	·16	—	23
24	·06	—	—	·18	·48	—	·19	—	—	·01	·01	—	24
25	·04	—	—	·47	—	—	·38	—	—	—	—	—	25
26	·04	·02	—	·11	·49	—	·12	—	—	—	·17	—	26
27	·10	SNOW ·22	—	—	·02	—	—	—	—	·14	·17	·05	27
28	·15	SNOW ·19	—	·09	·10	—	—	—	—	—	—	·09	28
29	·34		—	—	·13	—	·16	—	—	·15	·03	·03	29
30	—	×	—	·01	·07	—	—	—	·02	—	·01	—	30
31	·25	×	—	×	—	×	—	—	×	·02	×	—	29·06 31
TOTAL	1·78	2·04	·19	2·91	2·50	4·60	3·74	3·94	3·14 ~~2·14~~	·63	2·87	·72	YEAR'S TOTAL ~~28·06~~
*Days with ·01 in. or more.	18	19	6	17	17	18	20	14	~~10~~ 14	9	18	13	183
*Days with ·04 in. or more.	12	13	2	15	11	12	16	13	~~6~~ 10	6	13	6	129

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) James H Kershaw
Manager

P.T.O.

Section **A** for the entry c … OPY FOR OFFICIAL USE.

AIR MINIST … OFFICE.—BRITISH RAINFALL ORGANIZATION.

3133

FORM 1090.

REGISTER OF RAINFALL IN 1931 .

Kept at Corporation Sewage Works Aldwarke Rotherham.

in the County of Yorkshire.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 4 in.

,, Ground ,, Sea Level 70·5 ft.

Obsr agrees to amendment for September /680070/36

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	·02	SNOW ·09	—	—	·12	—	—	·02	·02	—	—	1
2	—	·01	—	·63	·01	·58	—	—	·46	—	—	·04	2
3	—	—	—	·09	—	·01	·04	—	·99	—	·15	·13	3
4	·02	SNOW ·08	—	·06	—	—	·40	·11	No records kept owing to gauges being in flood	—	·10	·01	4
5	—	·01	—	—	·08	1·02	·01	·63		—	—	·22	5
6	—	SNOW. RAIN ·31	SNOW ·01	—	—	·10	·29	—		·13	·04	—	6
7	—	—	SNOW ·01	—	—	·52	·01	·89		·06	·19	—	7
8	·02	·02	SNOW ·05	·01	·03	·01	·06	·75		—	·13	—	8
9	—	·17	—	·18	·03	·19	·02	·28	·0[illegible]	—	·30	·02	9
10	—	·11	SNOW ·03	—	·02	·01	—	·05	·02	—	·07	·02	10
11	—	·29	—	—	—	·01	·02	—	·22	—	—	—	11
12	·05	·06	—	—	—	·01	·67	—	}	·06	·02	—	12
13	·01	—	—	—	—	·02	·10	·06	} ·06	—	—	—	13
14	·01	·07	—	—	—	THUNDER ·68 STORM	·34	·66	—	—	·61	·01	14
15	·01	·04	—	·08	·01	—	·13	·03	—	—	·01	·04	15
16	·09	SNOW ·19	—	·06	·14	·80	—	·07	·25	—	—	—	16
17	—	·15	—	·43	·05	·05	·10	·04	—	—	—	—	17
18	—	·01	—	·26	—	·22	·36	·04	—	—	·53	—	18
19	·04	—	—	·11	—	·09	·12	·09	·08	·04	—	·03	19
20	·02	·07	—	·07	—	—	—	·27	—	—	—	·03	20
21	·06	—	—	—	·21	—	—	—	—	—	·17	—	21
22	—	—	—	—	·18	—	—	—	—	—	—	—	22
23	·47	—	·01	·07	·45	·16	·12	—	—	—	·16	—	23
24	·06	—	—	·18	·48	—	·19	—	—	·07	·01	—	24
25	·04	—	—	·47	—	—	·38	—	—	—	—	—	25
26	·04	·02	—	·11	·49	—	·12	—	—	—	·17	—	26
27	·10	SNOW ·22	—	—	·02	—	—	—	—	·14	·17	·05	27
28	·15	SNOW ·19	—	·09	·10	—	—	—	—	—	—	·09	28
29	·34		—	—	·13	—	·16	—	—	·15	·03	·03	29
30	—	×	—	·01	·07	—	—	—	·02	—	·01	—	30
31	·25	×	—	×	—	×	—	—	×	·02	×	—	29·06 31
TOTAL	1·78	2·04	·19	2·91	2·50	4·60	3·14	3·94	~~2·14~~ 3·14	·63	2·87	·72	YEAR'S TOTAL ~~28·06~~
*Days with ·01 in. or more.	18	19	6	17	17	18	20	14	~~10~~ 14	9	18	13	189
*Days with ·04 in. or more.	12	13	2	15	11	12	16	13	~~6~~ 10	6	13	6	129

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) James H Kershaw
Manager

P.T.O.

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931

At Corporation Sewage Works etc

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 4 *in.*
- *Height of Ground above Sea Level* 70.5 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more*	·04 in. or more*
	Inches.	Inches.	Date.		
JAN.	1·78	·47	23	18	12
FEB.	2·04	·31	6	19	13.
MAR.	·19	09	1	6	2
APRIL	2·91	·63	2	17	15
MAY	2·50	·49	26	17	11
JUNE	4·60	1·02	5	18	12
JULY	3·14	·67	12	20	16
AUG.	3·94	·89	7	14	13
SEPT.	2·14	·99	3	10	6
OCT.	·63	·15	29	9	6
NOV.	2·87	·53	18	18	13
DEC.	·72	·22	5	13	6
Total	28·06			179	125

Signature James H Kershaw
Manager

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. H. Kershaw F.C.S. Manager
Corporation Sewage Works Aldwarke Rotherham

Hour of observation by the clock—in Winter 9 A.M. in Summer 9. A.M.

Nearest Railway Station Parkgate & Aldwarke Distance ½ mile Direction from gauge N.W

Nearest Parish Church at St Stephen Eastwood Distance 3/4 mile Direction from gauge S.W.

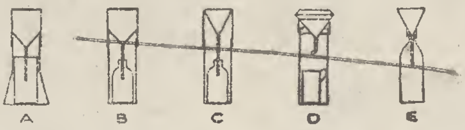
Nature of objects nearest to gauge	Brick. Building			
Heights of objects	14 ft.			
Distances ..	54 ft			
Directions from gauge ..	E			

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O.
29 JAN 1932

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations.

Station No. 3133

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Corporation Sewage Works Aldwarke R'ham.

in the County of Yorkshire.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 4 in.

,, Ground ,, Sea Level 70.5 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·04	·02	—	·08.	·53	·01	·14	·01	·22	·13	—	·03	1
2	·05.	—	—	—	·29	—	—	·03	·12	—	—	·06	2
3	—	—	—	·39.	·01	—	·18	—	—	·03	—	·08	3
4	—	—	—	·15.	—	—	—	—	—	—	·11	—	4
5	·07	—	·07	—	·07	—	—	—	·03	—	—	—	5
6	·52	—	·09	·12.	—	—	·02	—	·03	—	—	—	6
7	—	—	·07	·22.	—	—	·01	—	·13	·18	·02	—	7
8	—	—	—	·05.	—	—	—	—	·12	·05	—	—	8
9	·02	Snow. ·04	·04.	·08.	·03	—	—	—	·01	—	—	·02	9
10	·09.	Snow. ·05	·01.	·03.	—	—	—	—	·05	·21	—	·14	10
11	·03	~~Snow~~ ·03	·01.	·05.	·06	·18	·66	—	—	—	·02	—	11
12	·10	—	—	—	·02	—	—	—	—	·21	·03	—	12
13	·05.	·03.	—	·06.	·02	—	·45	—	·01	·24	·04	—	13
14	·09	—	—	·09.	—	—	·07	—	—	·01	·12	·02	14
15	—	—	—	·04.	·10	—	—	—	—	·03	—	·06	15
16	·15	—	—	·32	·06	—	·02	—	—	—	·01	—	16
17	—	—	—	—	·01	—	·08	—	—	·15	—	—	17
18	—	—	—	·01	—	—	—	—	—	—	—	—	18
19	—	—	·01.	·05.	—	—	—	·01	—	·05	—	—	19
20	—	—	—	·07	·70	—	·01	·12	—	·20	·04	—	20
21	—	—	·20.	·15	3.55	—	·02	·48	—	·48	—	·06	21
22	—	—	·21.	·02	·55	—	·45	—	·25	·01	·27	—	22
23	—	—	—	·05	·09	—	·04	—	—	·12	·05	·02	23
24	·02	—	—	·02	·01.	—	·19	—	·01	·01	·12	—	24
25	—	·05.	—	·02	—	—	·01	—	·01	·29	—	Dew ·01	25 ·01 208
26	—	·02	—	·14	·42	—	·01	—	—	·20	·19	Dew ·01	26
27	—	—	·20.	·10	·44	·04	·01	—	—	—	·13	—	27
28	—	—	·03.	·17	·12	—	·25	·19	—	—	—	—	28
29	—	—	·13.	·15	—	·01	·01	·03	·16	·42	·02	·09	29
30	—	×	·03.	·18	—	·30	·01	·06	·21	·03	·16	·20	30
31	—	×	·05	×	·02	×	·26	—	×	—	×	·04	31
TOTAL	1·23.	·24	1·25.	2·81	6·40	·54	2·96	1·93.	1·36	3·05	1·33	·84	YEAR'S TOTAL 23·94
*Days with ·01 in. or more.	12	7	14	26	20	5	21	8	14	20	15	14	174
*Days with ·04 in. or more.	9	3	9	21	13	3	11	4	8	14	10	8	113

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*)

P.T.O.

FORM 1090.

B Monthly Summary.

, **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 193......

At Corpn Sewage Works.

In the County of Yorks.

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 1 *in.*
Height of Ground above Sea Level 70·5. *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	1·23	·52	6	10	9
FEB.	·24	·05	10 25 }	7	3
MAR.	1·25	·31	22	14	9
APRIL	2·81	·39	3	26	21
MAY	6·40	3·55	21	20	13
JUNE	·54	·30	30	5	3.
JULY	2·96	·66	11	21	11.
AUG.	1·93	·79	28	8	4
SEPT.	1·36	·25	22	14	8.
OCT.	3·05	·48	21	20	14
NOV.	1·33	·27	22	15	10
DEC.	·84	·20	30	14	8
Total	23·94			174	113

Signature James H Kershaw
Manager

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. H. Kershaw F.C.S.
Corporation Sewage Works. R'ham

Hour of observation by the clock—in Winter 9 am. in Summer 9 am

Nearest Railway Station Parkgate & Aldwarke. Distance 1/2 mile Direction from gauge N. W.

Nearest Parish Church at St Stephen Eastwood Distance 3/4 mile Direction from gauge S. W.

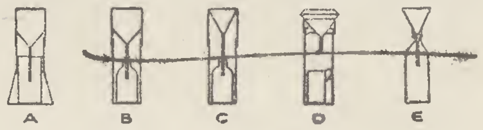
Nature of objects nearest to gauge		Brick building		
Heights of objects		14'	feet	
Distances ..		57'	"	
Directions from gauge ..		E.		

If gauge has been moved during the year state—

Date of move.................... Distance.................... Direction....................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

On May 21st/31. The works were flooded and the Hepelograph gauge jammed after registering. 3" of rain.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | 18 | } ·14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

7 JAN 1933

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COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3133.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Sewage Wks Rotherham

in the County of Yorkshire

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 4 in.

,, Ground ,, Sea Level 70.50 ft.

November misplotted as 50
Value 20 O.K.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·18	·13	·18	·	·	·	·	·	·	·07	·04	·		1
2	·17	·	·30	·	·	·	·	·	·	·	·10	·		2
3	·	·10	·11	·	·35	·	·	·	·	·	·12	·		3
4	·09	·01	·02	·	·06	·	·	·	·	·	·	·		4
5	·05	·	·11	·	·24	·	·	·	·	·	·	·		5
6	·	·08	·01	·	·53	·	·	·	·	·	·	·08		6
7	·	·06	·	·	·20	·	·34	·	·	·49	·	·02		7
8	·	·01	·11	·	·	·	·51	·	·	·	·05	·03		8
9	·	·12	·	·	·	·	·34	·	·	·61	·	·		9
10	·	·06	·	·	·	·07	·01	·	·	2·04	·04	·		10
11	·	·	·	·	·03	·	·11	·	·	·12	·	·		11
12	·01	·	·	·	·	·07	·06	·	·	·	·	·06		12
13	·	·	·	·	·36	·	·07	·03	·07	·08	·05	·		13
14	·	·	·	·	·02	·	·	·05	·	·02	·31	·		14
15	RAIN-SNOW ·95	·	·	·	·	·07	·	·05	·	·16	·92	·03		15
16	RAIN-SNOW ·30	·	·36	·	·05	·05	·15	·01	·	·06	·08	·		16
17	SNOW ·13	·	·67	·	·01	·02	·	·	·01	·	·16	·		17
18	SNOW ·04	SNOW ·18	·38	·	·	·11	·	·	·	·	·07	·		18
19	·	·	·	SNOW RAIN ·04	·	·02	·	·	·01	·	·02	·01		19
20	·	·	·	·	·	·20	·	·12	·	·	·02	·		20
21	·	·	·	·	·	·29	·	·07	·09	·	·02	·01		21
22	·	·	·	·	·	·04	·	·15	·	·65	·	·		22
23	·02	·01	·	·08	·	·29	·	·	·11	·	·	·		23
24	·	·59	·	·16	·08	·09	·	·	·61	·	·07	·01		24
25	·	1·54	·	·24	·10	·	·	·	·35	·	·04	·05		25
26	·	·98	·	·03	·	·	·	·	·04	·10	·	·		26
27	·	·02	·	·	·08	·	·	·	·04	·17	·	·		27
28	·	·	·	·04	·09	·	·04	·	·08	·17	·	·		28
29	·01	X	·	·11	·	·	·	·	·01	·17	·	·		29
30	·08	X	·04	·36	·	·	·01	·	·	·01	·	·04		30
31	·05	X	·02	X	·	X	·	·01	X	·05	X	·		31
TOTAL	2·08	3·86	2·31	1·06	2.2.2 2·22	1·76	1·64	·49	1·42	4·97	1·99	·34	Year's Total 23·7[illegible]	
*Days with ·01 in. or more.	13	14	13	8	14	13	10	8	11	16	16	10	146	
*Days with ·04 in. or more.	10	10	10	7	11	8	8	5	7	13	9	4	102	

40–9999

*See Instruction 2 (*f*) on other side.

D

† Spare column, no entries required.

(*Signed*) James H Kershaw
Manager.

[P.T.O.

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.*

RAINFALL IN 1933.

At Sewage Wks.

In the County of Yorks.

Rain Gauge
- Diameter of Funnel 5" in.
- *Height of Top above Ground* 1 *ft.* 4 *in.*
- *Height of Ground above Sea Level* 70.50 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	2.08	·95	15	13	10.
FEB.	3.86	1.54	25	14	10
MAR.	2.37	·67	17	13	10
APRIL	1.06	·76	30	8	7
MAY	2.12	·53	6	14	11
JUNE	1.76	·23	27	13	8
JULY	1.64	·57	8	10	8
AUG.	·49	·15	24	8	5
SEPT.	1.42	·61	21	11	7
OCT.	4.97	2.04	10	16	13
NOV.	1.99	·92	15	16	9
DEC.	·34	·08	6	10	4
Total	23.70"			146	102

Signature James H Kershaw
Manager

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. H. Kershaw. F.C.S.
Sewage Wks. Rotherham.

Hour of observation by the clock—in Winter 9 A.M. in Summer 9 A.M.

Nearest Railway Station Aldwarke Distance 1 mile Direction from gauge N.W.

Nearest Parish Church at Eastwood Distance 3/4 " Direction from gauge S.W.

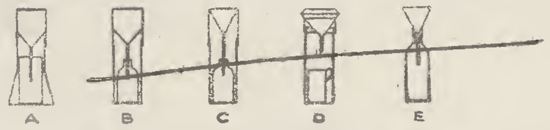
Nature of objects nearest to gauge	Brick. Building.			
Heights of objects		14'		
Distances ..		57'		
Directions from gauge ..		"E"		

If gauge has been moved during the year state—

Date of move — Distance — Direction —

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Feb. 24th, 25th, 26th

The Snowdon gauge was "moved up" on these days, and therefore the Hyetograph figs are given.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

M.O. 7
5 JAN 1934

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Section **A** for the entry of Daily Observations. Station No. 3133

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Corpn Sewage Wks R-ham

in the County of Yorkshire

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 4" in.

,, Ground ,, Sea Level 70.50 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·	·	·	·	·	·	·	·04	·	·07	·	·07		1
2	·	·01	·01	·	·	·	·	·03	·14	·	·09	·25		2
3	·01	·01	·01	·	·	·	·	·	·	·08	·	·		3
4	·05	·	·08	·42	·	·	·	·	·04	·28	·	·61		4
5	·	·	·12	·	·15	·	·	·22	·	·05	·07	·03		5
6	·	·	·04	·	·21	·01	·	·02	·	·09	·	·59		6
7	·02	·01	·03	·	·01	·01	·	·	·	·05	·	·18		7
8	·	·	·01	·	·12	·09	·	·04	·	·01	·41	·03		8
9	·	·	·27	·02	·	·	·	·	·	·04	·78	·14		9
10	·	·	·22	·22	·	·	·	·01	·	·	·13	·		10
11	·36	·	·14	·36	·	·	·	·04	·	·	·	·22		11
12	·	·	·25	·07	·	·	·05	·01	·	·	·	·05		12
13	·42	·	·01	·03	·	·	·76	·08	·	·	·	·04		13
14	·02	·	·31	·	·04	·21	·	·	·	·15	·13	·23		14
15	·18	·	·08	·	·20	·	·	·01	·54	·02	·16	·02		15
16	SLEET ·18	·	·09	·	·23	·	·	·	·	·	·06	·03		16
17	·13	·	·02	·	·01	·	·04	·	·15	·04	·02	·07		17
18	·07	·	·21	·18	·	·01	·03	·	·	·	·	·02		18
19	·	·	·12	·08	·04	·02	·	·	·11	·03	·	·		19
20	·	·	·08	·	·02	·02	·	·	·04	·	·	·		20
21	·	·	·	·	·	·21	·	·	·06	·02	·	·		21
22	·	·	·	·	·	·	·	·10	·21	·01	·	·		22
23	·	·	·10	·03	·01	·	·35	·	·	·02	·07	·07		23
24	·	·09	·04	·10	·	·10	·03	·	·02	·07	·	·01		24
25	·	·	·	·01	·	·	·01	·	·07	·16	·	·41		25
26	·06	·	·	·14	·	·02	·01	·	·03	·	·	·		26
27	·02	·78	·	·53	·	·05	·02	·	·02	·10	·	·20		27
28	·	·	·	·09	·	·17	·	·11	·	·06	·	·24		28
29	·	×	·03	·	·	·	·	·02	·39	·01	·	·06		29
30	·02	×	·	·	·	·	·30	·	·01	·28	·	·02		30
31	·02	×	·	×	·	×	·	·05	×	·02	×	·		31
TOTAL	1.56	·90	2.28	2.38	1.04	·92	1.60	·78	1.83	1.66	1.92	3.59	Year's Total. 20.46	
* Days with .01 in. or more.	14	5	22	14	11	12	10	14	14	22	10	23	171	
* Days with .04 in. or more.	8	2	15	10	7	6	5	8	10	14	9	16	110	

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) James H Kirshaw
Manager

[P.T.O.

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Section **A** for the entry of Daily Observations. Station No. 3133.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

File No 680.070/76.

Kept at Rotherham Corpn Sewage Wks

in the County of Yorkshire

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 4 in.

,, Ground ,, Sea Level 70.50 ft.

Duration

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	.19	·	.60	.02	·	.06	·	·	.18	.06	.13	.27		1
2	·	.02	.02	·	·	.32	·	·	·	.43	·	.02		2
3	·	.08	.16	.07	·	.06	·	·	·	.08	.31	·		3
4	·	·	.03	.01	·	.08	·	·	.02	.82	·	·		4
5	.02	SNOW .22	.08	SNOW .04	·	.24	·	·	·	·	.04	·		5
6	.04	·	·	SNOW .04	·	.18	·	·	·	·	·	·		6
7	·	·	·	.07	·	.38	·	·	·	.14	.43	.12		7
8	·	·	·	.09	·	.05	·	.32	·	·	.04	·		8
9	·	·	SNOW .02	.09	·	.11	·	·	·	.57	.15	.15		9
10	·	·	·	.11	·	.05	·	·	·	.05	.02	.01		10
11	.35	·	·	·	·	·	·	·	·	·	.11	.10		11
12	.01	.10	·	·	·	.09	·	·	.01	·	·	.01		12
13	.04	.06	·	.08	.10	·	·	·	·	·	·	·		13
14	·	·	·	·	.11	.04	.01	·	.27	·	.56	SNOW .15		14
15	·	.06	·	.33	SNOW .04	·	.10	·	.07	·	.17	.15		15
16	·	.52	.15	.02	·	.08	.02	·	.42	·	.60	·		16
17	·	·	·	.10	.01	.31	.47	.36	.03	·	.80	·		17
18	.02	·	·	.18	.08	.10	.33	.12	.14	.05	.11	·		18
19	.02	·	·	.06	·	.11	.04	·	·	.08	.31	·		19
20	·	.05	·	.52	·	.06	.02	·	·	·	.45	.01		20
21	·	SNOW .72	·	.03	·	·	·	·	.39	1/14	.12	.02		21
22	·	.21	.01	·	·	·	·	·	.01	·	.07	·		22
23	·	·	.09	.02	·	·	·	.89	.04	.14	.01	·		23
24	.09	.10	.07	·	·	·	·	·	1.01	·	·	SNOW .16		24
25	.15	.12	·	·	·	.01	·	·	·	·	·	.02		25
26	SNOW .15	.02	·	·	·	·	.01	.68	.38	·	.02	.39		26
27	SNOW .03	.16	·	·	.02	·	·	·	.20	.02	.04	.66		27
28	.03	.02	·	·	·	·	·	.07	.04	.03	·	.18		28
29	.02	x	.05	·	·	·	·	.01	.08	.05	.03	.14		29
30	.04	×	·	.02	·	·	·	.09	.04	.31	.37	.02		30
31	·	×	·	×	·	×	·	.02	×	.35	×	.15		31
TOTAL	1.20"	3.09"	1.28"	1.90"	.36"	2.33"	1.00"	2.56"	3.33"	3.08"	4.79"	2.63"	Year's Total 28.55"	
* Days with .01 in. or more.	15	15	11	19	6	18	8	9	17	15	22	19	174	
* Days with .04 in. or more.	8	12	7	13	4	17	4	7	13	13	18	12	128	

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(Signed) James H Kershaw

Manager

[P.T.O.

COPY FOR OFFICIAL USE

Section A **for the entry of Daily Observations** Station No. 3133

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936. D

Kept at R'ham Corpn Sewage Works.

in the County of Yorkshire

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1' ft. 4" in.

,, Ground ,, Sea Level 70.50 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·01	·15	·11	·36		·02	·02	·20		·01	·03	·20		1
2	·01	SNOW ·04	·08			·59	·10	·04			·21	·15		2
3		SNOW ·05				·09	·01	·02	·20			·02		3
4	·01	SNOW ·06				·12			·06		·36	·12		4
5	·06	·01	·36		·04			·16	·04			S+R ·27		5
6	·02					·03	·12	·28	·36		·12			6
7	·20						·35		·14	·02	·02			7
8	·09		·09				·03				·13			8
9	·21		·02		·04		·95			·09	·38			9
10	·04			·07			·75	·39	·06	·03	·15			10
11				·13		·02	·03	·15			·40	·01		11
12				·17	·04	·85	·31		·30		·08	·08		12
13	·01			·04		·21	·03		·10	·05	·01	·40		13
14				·14		·07	·01		·15		·04	·08		14
15	SNOW ·23	·04	·02	·18		·01	·01	·21	·01		·20	·04		15
16	SNOW ·11	·06		·04			·02				·41			16
17	·01	·48			·04		·02			·02	·01	·06		17
18		·03					·09	·02		·27	·01			18
19	SNOW+RAIN ·61	·06		·04		·22		·30		·06				19
20	·06	·16	·06			·18			·01	·01				20
21	·01		·03	·08		·14					·01			21
22	·01	S+R ·46	·13		·02	1·04	·15							22
23			·03	·04	·11		·32							23
24	·18	·07		·02	·29				·16	·88				24
25	·18		·06	·02			·09		·24	·09	·01			25
26	·01	·07	·48						·07	·42	·03			26
27	·18								·14	·30	·03	·01		27
28	·23	S+R ·66	·04			·04	·09				·03	·04		28
29	·22	S+R ·42	·13			·28				·03	·07	·18		29
30	·06	✕			·40	·04	·17			·12	·09	·02		30
31	·07	✕	·03	✕	·03	✕			✕		✕	·11		31
TOTAL	2·83	2·82	1·67	1·27	1·01	3·95	3·67	1·77	2·04	2·40	2·84	1·79	Year's Total 28·06	
* Days with .01 in. or more.	25	16	15	13	9	17	21	10	15	15	22	16	194	
* Days with .04 in. or more.	16	14	10	10	7	13	12	8	13	9	12	12	136	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) James H Kershaw
Manager

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3133

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

REGISTER OF RAINFALL IN 1937.

Kept at Corp. Sewage Wks. Rotherham.

in the County of Yorkshire

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 4 in.

,, Ground ,, Sea Level 70.80 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
INCHES	~~mm.~~	~~mm.~~	~~mm.~~	~~mm.~~	~~mm.~~	~~mm.~~	~~mm.~~	~~mm.~~	~~mm.~~	mm.	~~mm.~~	~~mm.~~		
1	·06	·08	·04	·	·	·	·02	·	·10	·	·03	·07		1
2	·02	·06	·01	·13	·	·	·	·	·	·	·	1·73		2
3	·	·04	·	·16	·	·	·02	·	·	·	·	·03		3
4	·07	·02	·03	·11	·	·	·01	·	·	·	·	·20		4
5	·22	·	·09	·	·	·	·	·	·	·	·	·04		5
6	·01	·	·04	·02	·19	·	·14	·	·	·	·03	·18		6
7	·	·42	·	·15	·08	·	·	·	·	·	·05	·02		7
8	·	·41	·	·04	·	·	·	·	·	·	·10	·05		8
9	·	·14	·	·03	·26	·	·62	·03	·	·	·	·04		9
10	·	·02	·04	·08	·01	·08	·	·	·	·	·01	·20		10
11	·	·	·87	·	·94	·	·	·	·	·	·	·05		11
12	·09	·26	·03	·	·34	·10	·	·	·23	·	·	·13		12
13	·	·03	·	·	·05	·93	·	·01	·10	·	·	·18		13
14	·	·	·55	·	·	·02	·	·01	·02	·	·	·10		14
15	·14	·15	·	·36	·	·	1·88	·	·01	·	·	·02		15
16	·05	·06	·28	·58	·	·	·	·06	·23	·	·	·		16
17	·22	·06	·29	·18	·	·	·	·	·26	·	·	·		17
18	1·20	·02	·06	·	·	·	·02	·02	·53	·	·49	·		18
19	·	·01	·01	·02	·	·14	·22	·	·01	·	·35	·		19
20	·20	·22	·	·31	·65	·	·	·	·01	·	·	·		20
21	·02	·	·01	·	·	·	·18	·	·	·04	·			21
22	·	·	·	·	·04	·	·	·	·	·12	·18			22
23	·32	·	·	·	·01	·	·08	·	~~·0~~	1·53	·40			23
24	·18	·28	·	·	·01	·02	·01	·	·09	·22	·	·01		24
25	·10	·30	·11	·	·	·	·	·	·	·24	·	·02		25
26	·	·18	·17	·	·31	·	·0	·	·	·	·	·		26
27	·	·22	·02	·17	·	·	·	·	·	·70	·			27
28	·	·35	·03	·	·	·	·	·	·	·01	·	·		28
29	·06	·	·01	·	·	·	·	·	·	·	·01	·		29
30	·32	✕	·	·	·	·03	·	·01	·	·	·02	·04		30
31	·30	✕	·	✕	·	✕	·	·	✕	·19	✕	·04	9	31
TOTAL	3·58	3·33	2·69	2·44	2·89	1·32	3·20	·14	1·69	3·05	1·67	3·15	Year's Total ~~[illegible]·15~~	11 ✓ 29·15 ✓
* Days with 0.2 mm. or more.	18	21	19	14	12	7	11	6	11	8	11	19	157	✓
* Days with 1.0 mm. or more.	15	16	11	11	9	4	7	1	6	7	6	14	107	✓

(141w) * See Instruction 2 (f) on other side.

† Spare column, no entries required, except year's total.

40-9999.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3133

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Corpn Sewage Wks Rotherham

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 4 in.

,, Ground ,, Sea Level 70.5 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·	·01	·	·	·03	·15	·03	·	·	·01	·05	·15		1
2	·06	·	·	·05	·03	·04	·	·	·	·09	·03	·09		2
3	·22	·	·	·	·	·05	·04	·	·19	·82	·01	·		3
4	·04	·	·	·	·	·03	·04	·	·	·07	·03	·08		4
5	·	·	·	·	·	·01	·	·40	·01	·35	·	·05		5
6	·02	·02	·	·	·	·	·32	·63	·01	·04	·	·		6
7	·12	·	·	·	·	·	·14	·05	·30	·03	·	·05		7
8	·36	·	·	·	·	·	·16	·	·	·28	·	·06		8
9	·05	·03	·	·	·	·10	·	1·34	·	·02	·	·36		9
10	·	·02	·	·	·	·01	·32	·	·	·	·	·03		10
11	·13	·	·	·	·	·	·	·	·	·02	·02	·04		11
12	·08	·03	·	·	·04	·	·	·64	·	·35	·03	·		12
13	·02	·05	·	·	·	·	·	·19	·	·09	·03	·28		13
14	·18	·06	·	·	·04	·	·33	·	·21	·	·	·		14
15	·15	·	·	·	·	·	·42	·	·	·	·	·35		15
16	·09	·	·	·	·	·	·41	·01	·	·01	·04	·18		16
17	·	·01	·	·	·28	·	·10	·	·03	·02	·	·01		17
18	·02	·	·	·	·18	·08	·	·	·01	·08	·19	·		18
19	·	·	·	·	·01	·02	·	·10	·	·	·	·13		19
20	·	·	·	·	·	·	·	·	·	·	·33	·13		20
21	·	·	·02	·	·	·	·	·	·01	·	·02	·14		21
22	·	·	·	·02	·	·40	·	·	·	·	·31	·16		22
23	·	·	·	·	·	·06	·	·	·33	·	·15	·		23
24	·	·	·11	·	·	·	·	·21	·20	·	·08	·01		24
25	·05	·08	·	·	·	·	·01	·04	·	·22	·75	·05		25
26	·	·72	·07	·	·	·01	·	·	·19	·07	·	·		26
27	·	·01	·	·	·06	·22	18	·30	·06	·02	·11	·		27
28	·22	·	·	·	·60	·40	·07	·47	·13	·02	·	·		28
29	·03	x	·	·04	·50	·02	·02	·	·01	·	·10	·04		29
30	·02	✕	·	·	·07	·14	·	·	·09	·	·08	·06		30
31	·16	✕	·	✕	·24	✕	·	·	✕	·16	✕	·59		31
TOTAL	2·02 2·02	1·04 1·04	·20 ·20	·11	2·08	1·84 1·84	2·57 2·57	4·38	1·78	2·77	2·36	3·04 3·04	Year's Total 24·19	24·19 4 ✓
* Days with .01 in. or more.	19	11	3	3	12	16	15	12	15	20	18	22	166	✓
* Days with .04 in. or more.	13	4	2	2	9	10	12	11	9	12	11	19	114	✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required

(*Signed*) ……………………… [P.T.O.

3134

Section **A** for the entr
AIR MINIS

COPY FOR OFFICIAL USE.
ALL ORGANIZATION.

FORM 1090.

REG

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3134

THRYBURGH RESERVOIRE

1931 — 40

780507

Kept at THRYBERGH

in the County of YORK

Diameter of Funnel of Gauge

Height of top of Gauge above G

,, Ground ,, Se

THE MORNING MEA ... **AY.**

An observer who does not confor ... *e following*
year in the space on the right o

Jan. 1, following

Date	Jan.	Feb.	Mar							t.	Nov.	Dec.	Date
	in.	in.	in.								in.	in.	
1		0.05	snow 0.08			0.40			0.62	0.03		0.01	1
2		0.01		0.62	0.03	0.37			0.54	0.02		0.01	2
3		0.01		0.13		0.05	0.07		0.38	0.02	0.16	0.22	3
4	0.02	snow 0.15		0.06			0.20	0.06	1.53		0.12		4
5		snow 0.01			0.13	0.85	0.21	0.91	0.06		0.01	0.21	5
6		snow 0.24	snow 0.01			0.15	0.13	0.03	0.01	0.13	0.02		6
7			snow 0.01			0.62	0.02	0.35		0.07	0.23		7
8	0.02	0.02	snow 0.08	0.01	0.02		0.08	1.25			0.19		8
9		0.14	snow 0.02	0.22	0.01	0.11	0.03	0.19	0.08				9
10		0.15	snow 0.05		0.07	0.02		0.16			0.07		10
11	0.01	0.32					0.02		0.15		0.01		11
12		0.08					0.90		0.12	0.09	0.06		12
13	0.04					0.02	0.13		0.01		0.01		13
14	0.01	0.05				0.80	0.36	0.78			0.67		14
15		0.05		0.11	0.04		0.15	0.05			0.06	0.05	15
16	0.05	snow 0.13		0.06	0.14	0.71		0.09	0.25				16
17	0.01	0.18		0.42	0.05	0.23	0.08	0.17	0.03	0.01			17
18	0.02	0.02		0.24		0.06	0.30	0.02		0.02	0.65		18
19	0.04			0.12		0.05	0.30	0.10					19
20	0.05	0.09	0.01	0.06			0.01	0.25		0.02	0.01		20
21	0.01	0.01			0.17			0.02			0.20	0.01	21
22				0.02	0.22								22
23	0.31			0.05	0.31	0.11	0.12		0.02		0.17		23
24	0.04	0.01		0.20	0.61		0.07		0.01	0.02		0.02	24
25	0.03			0.65			0.30				0.01		25
26	0.09			0.14	0.15		0.03				0.18	0.01	26
27	0.10	snow 0.25		0.03	0.01		0.01			0.04	0.19	0.04	27
28	0.21	0.27		0.12	0.15					0.09	0.01	snow 0.06	28
29	0.33				0.10		0.13			0.20	0.01	snow 0.09	29
30	0.02	×		0.03	0.13		0.02		0.02				30
31	0.18	×		×		×			×	0.04	×		31
TOTAL	1.59	2.24	0.26	3.29	2.34	4.55	3.67	4.43	3.23	0.80	3.04	0.73	YEAR'S TOTAL 30.17
*Days with ·01 in. or more.	20	21	7	19	17	15	23	15	15	14	21	11	198
*Days with ·04 in. or more.	11	14	3	15	13	13	16	12	8	7	13	6	131

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*See Instruction 2 (*f*) on other side.

(*Signed*) F. Oscar Kirby

P.T.O.

3134

Section **A** for the entr … COPY FOR OFFICIAL USE.
AIR MINIS … LL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at THRYBERGH RESERVOIR.
in the County of YORK (WEST RIDING)
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 184 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		0.05	snow 0.08			0.40			0.62	0.03		0.01	1
2		0.01		0.62	0.03	0.37			0.54	0.02		0.01	2
3		0.01		0.13		0.05	0.07		0.38	0.02	0.16	0.22	3
4	0.02	snow 0.15		0.06			0.20	0.06	1.53		0.12		4
5		snow 0.01			0.13	0.85	0.21	0.91	0.06		0.01	0.21	5
6		snow 0.24	snow 0.01			0.15	0.13	0.03	0.01	0.13	0.02		6
7			snow 0.01			0.62	0.02	0.35		0.07	0.23		7
8	0.02	0.02	snow 0.08	0.01	0.02		0.08	1.25			0.19		8
9		0.14	snow 0.02	0.22	0.01	0.11	0.03	0.19	0.08				9
10		0.15	snow 0.05		0.07	0.02		0.16			0.07		10
11	0.01	0.32					0.02		0.15		0.01		11
12		0.08					0.90		0.12	0.09	0.06		12
13	0.04					0.02	0.13		0.01		0.01		13
14	0.01	0.05				0.80	0.36	0.78			0.67		14
15		0.05		0.11	0.04		0.15	0.05			0.06	0.05	15
16	0.05	snow 0.13		0.06	0.14	0.71		0.09	0.25				16
17	0.01	0.18		0.42	0.05	0.23	0.08	0.17	0.03	0.01			17
18	0.02	0.02		0.24		0.06	0.30	0.02		0.02	0.65		18
19	0.04			0.12		0.05	0.30	0.10					19
20	0.05	0.09	0.01	0.06			0.01	0.25		0.02	0.01		20
21	0.01	0.01			0.17			0.02			0.20	0.01	21
22				0.02	0.22								22
23	0.31			0.05	0.31	0.11	0.12		0.02		0.17		23
24	0.04	0.01		0.20	0.61		0.07		0.01	0.02		0.02	24
25	0.03			0.65			0.30				0.01		25
26	0.09			0.14	0.15		0.03				0.18	0.01	26
27	0.10	snow 0.25		0.03	0.01		0.01			0.04	0.19	0.04	27
28	0.21	0.27		0.12	0.15					0.09	0.01	snow 0.06	28
29	0.33				0.10		0.13			0.20	0.01	snow 0.09	29
30	0.02	✕		0.03	0.13		0.02		0.02				30
31	0.18	✕		✕		✕			✕	0.04	✕		31
TOTAL	1.59	2.24	0.26	3.29	2.34	4.55	3.67	4.43	3.23	0.80	3.04	0.73	YEAR'S TOTAL 30.17
*Days with ·01 in. or more.	20	21	7	19	17	15	23	15	15	14	21	11	198
*Days with ·04 in. or more.	11	14	3	15	13	13	16	12	8	7	13	6	131

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) F. Oscar Kirby

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3134

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Thrybergh Reservoir

in the County of York (West Riding)

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 184 ft.

W. D.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.04	0.02	–	0.06	0.40	0.02	0.08	0.05	0.18	0.29	–	–	1
2	0.03	–	–	–	0.42	–	–	0.02	0.09	0.03	0.01	0.10	2
3	–	–	–	0.38	0.03	–	0.16	–	–	0.03	–	0.03	3
4	–	0.01	–	0.18	0.04	–	–	–	–	–	0.09	–	4
5	0.06	–	0.08	–	0.01	0.02	–	–	0.03	–	–	–	5
6	0.50	–	0.07	0.06	0.01	–	0.06	–	0.02	–	–	–	6
7	–	–	0.11	0.18	0.01	–	0.02	–	0.14	0.06	0.01	–	7
8	–	0.01	–	0.04	–	–	–	–	0.13	0.20	0.01	0.02	8
9	0.03	snow 0.14	–	0.10	–	–	–	–	–	–	–	0.02	9
10	0.06	snow 0.09	0.01	0.02	–	–	0.04	–	0.01	0.27	–	0.14	10
11	–	snow 0.03	0.02	0.08	0.07	0.35	0.29	–	0.04	0.04	0.02	–	11
12	0.08	snow 0.03	0.02	0.01	0.02	–	–	0.01	–	0.23	0.06	–	12
13	0.08	0.03	–	0.04	0.04	–	0.34	–	0.01	0.21	0.03	0.01	13
14	0.05	0.02	–	0.09	–	–	0.10	–	–	0.01	0.12	–	14
15	–	–	–	0.06	0.06	–	–	–	–	0.04	0.02	0.07	15
16	0.14	–	0.02	0.23	0.11	–	0.07	0.02	–	–	0.01	–	16
17	–	–	–	–	0.06	–	0.03	–	–	0.11	0.01	–	17
18	–	–	–	0.01	0.06	–	–	–	–	–	–	–	18
19	–	0.01	–	–	–	–	–	–	0.01	0.05	–	–	19
20	–	–	–	0.11	0.20	–	0.02	0.47	–	0.18	0.05	–	20
21	–	–	0.10	0.20	–	–	0.01	0.57	–	0.46	–	0.04	21
22	–	–	0.44	0.03	1.78	–	0.11	–	0.19	0.02	0.20	0.1	22
23	0.02	–	–	0.03	0.62	–	0.03	–	0.04	0.12	0.13	0.02	23
24	–	0.01	–	0.03	0.30	–	0.33	–	0.02	0.01	0.10	–	24
25	–	0.04	–	0.01	0.03	–	–	–	0.01	0.33	–	0.01	25
26	–	0.05	0.01	0.16	0.01	–	0.05	–	0.01	0.08	0.18	–	26
27	–	–	0.22	0.12	0.33	0.03	0.01	–	–	0.16	0.14	–	27
28	–	–	0.05	0.09	0.56	–	0.20	0.52	–	–	–	0.01	28
29	–	–	0.15	0.06	0.20	–	0.06	0.02	0.14	0.44	–	0.12	29
30	–	×	0.08	0.18	0.01	0.29	–	0.06	0.01	0.02	0.17	0.26	30
31	0.01	×	0.10	×	–	×	0.27	–	×	–	×	0.06	31
TOTAL	1.10	0.49	1.48	2.56	5.38	0.71	2.28	1.74	1.08	3.39	1.36	0.91	YEAR'S TOTAL 22.48
*Days with ·01 in. or more.	12	13	15	26	24	5	20	9	17	23	18	14	196
*Days with .04 in. or more.	8	4	10	19	16	2	14	5	8	17	10	7	120

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*See Instruction 2 (*f*) on other side,

(*Signed*) Oscar

Borough Surveyor & Water Engineer

P.T.O.

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Section **A** for the entry of Daily Observations. Station No. 3134

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Thrybergh Reservoir

in the County of York (West Riding)

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 184 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0·20	0·12	0·17							0·02	0·08			1
2	0·16		0·33								0·09			2
3	0·02	0·09	0·15		0·29						0·11			3
4	0·12		0·02											4
5	0·07	0·01	0·07		0·25									5
6		0·08	0·12		0·64						0·01	0·05		6
7		0·10			0·26		0·29			0·47		0·03		7
8			0·47		0·01		0·33				0·04	0·03		8
9		0·11					0·34			0·68		0·01		9
10		0·14				0·09	0·03			1·92	0·06			10
11					0·03		0·19			0·17				11
12	0·05					0·08	0·05					0·04		12
13	0·02				0·36		0·14	0·01	0·09	0·03	0·06			13
14										0·04	0·19	0·02		14
15	0·60							0·03		0·11	1·14	0·04		15
16	0·50		0·36		0·05	0·04	0·17			0·04	0·07			16
17	0·16		0·75		0·02	0·03		0·02			0·17			17
18	0·01	0·10	0·11			0·09	0·01		0·01		0·09			18
19			0·38	0·02		0·01			0·01		0·03	0·02		19
20		0·01						0·06	0·01		0·03			20
21					0·02	0·39		0·10	0·05	0·01	0·02			21
22					0·13	0·04		0·15		0·54	0·01			22
23	0·01	0·01		0·08					0·47	0·01				23
24		0·12		0·12	0·10	0·30			0·64		0·03	0·02		24
25		1·20		0·27	0·12	0·03			0·16		0·02	0·03		25
26		1·22		0·02						0·08		0·05		26
27		0·13			0·05				0·07	0·12				27
28		0·01			0·09		0·05		0·02	0·16				28
29				0·23						0·15				29
30	0·10	X	0·01	0·19			0·02					0·03		30
31	0·08	X	0·03	X		X		0·02	X	0·04	X		Year's Total	31
TOTAL	2·09	3·45	2·97	0·93	2·42	1·10	1·62	0·39	1·53	4·59	2·25	0·37		23·71
*Days with ·01 in. or more.	14	15	13	7	15	10	11	7	10	17	18	12		149
*Days with ·04 in. or more.	10	11	10	5	11	7	8	3	6	13	11	4		99

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*See Instruction 2 (*f*) on other side.

D

† Spare column, no entries required.

(*Signed*) J. Oscar Kirby

Borough Surveyor & Water Engineer

[P.T.O.

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Section **A** for the entry of Daily Observations. Station No. 3134

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Thrybergh Reservoir

in the County of York (West Riding)

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 184 ft.

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Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0·01							0·07		0·07		0·05		1
2			0·01	0·01				0·04	0·13		0·06	0·27		2
3	0·01	0·01								0·08	0·03	0·01		3
4	0·04		0·07	0·38					0·05	0·20		0·58		4
5			0·10	0·01	0·11			0·08		0·02	0·08	0·03		5
6			0·02		0·17	0·03		0·17		0·09		0·57		6
7	0·04	0·02	0·03			0·30				0·05		0·14		7
8					0·09	0·25		0·04			0·43	0·02		8
9			0·07	0·03						0·03	0·86	0·09		9
10			0·45	0·21							0·09			10
11	0·40		0·25	0·31								0·13		11
12			0·25	0·14			0·07	0·03				0·19		12
13	0·32		0·01	0·02			0·39	0·05				0·03		13
14	0·08		0·26			0·27				0·14	0·12	0·21		14
15	0·14		0·10		0·22			0·02	0·19	0·02	0·19	0·02		15
16	0·11		0·08		0·25						0·05	0·04		16
17	0·09		0·02				0·03		0·09	0·04	0·02	0·06		17
18	0·06	0·01	0·18	0·14			0·05					0·01		18
19			0·13	0·06	0·02	0·04			0·12	0·07				19
20			0·02		0·01	0·02			0·01					20
21	0·01					0·21			0·01	0·03				21
22								0·14	0·25	0·01		0·02		22
23				0·03			0·37			0·01	0·08	0·09		23
24		0·08	0·15	0·05		0·10	0·05		0·03	0·06		0·01		24
25	0·01			0·03	0·01				0·03	0·12		0·46		25
26	0·03			0·16		0·01			0·05			0·01		26
27		0·40		0·40		0·03	0·01		0·01	0·02		0·19		27
28				0·13		0·30		0·14		0·14		0·19		28
29			0·03					0·04	0·43	0·01		0·03		29
30	0·04	×					0·19		0·01	0·14		0·04		30
31	0·02	×		×		×		0·02	×	0·05	×			31
													Year's Total.	
TOTAL	1·41 ✓	0·52 ✓	2·23 ✓	2·11 ✓	0·88 ✓	1·56 ✓	1·16	0·84	1·41	1·40	2·01	3·49	19·02 ✓	
* Days with .01 in. or more.	16	5	19	16	8	11	8	12	14	21	11	26	167	
* Days with .04 in. or more.	10	2	12	10	5	7	6	9	8	13	9	16	107	

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) F. O. Kirby

Borough Surveyor & Water Engineer

P.T.O.

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Section **A** for the entry of Daily Observations. Station No. 3134

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Thrybergh Reservoir

in the County of York (West Riding)

Diameter of Funnel of Gauge 8 in.

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,, Ground ,, Sea Level 184 ft.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.23		0.31	0.03		0.01			0.71	0.04	0.19	0.17		1
2		0.03	0.24			0.70				0.36	0.02	0.11		2
3		0.07	0.23			0.04				0.03	0.17			3
4				0.04		0.22				0.87	0.03			4
5	0.01	0.22	0.10	0.02		1.15			0.01	0.02	0.06			5
6	0.04		0.01	0.04		0.06								6
7	0.02			0.08		0.32				0.04	0.43	0.10		7
8	0.03		0.02	0.09		0.04		0·30		0.07		0.11		8
9				0.07		0.08				0.57	0.15	0.02		9
10	0.01		0.01	0.09		0.06				0.10	0.04			10
11	0.27										0.08	0.10		11
12		0.04				0.04								12
13	0.05	0.03		0.11	0.12	0.06								13
14		0.01		0.02	0.14	0.03	0.01		0.19		0.67	0.13		14
15		0.03		0.31	0.02				0.10		0.20	0.10		15
16		0.41	0.15	0.04		0.05	0.12		0.26		0.42			16
17				0.10		0.24		0.17	0.06		0.93			17
18	0.03			0.15	0.08	0.25	0.63	0.21	0.10	0.07	0.14			18
19	0.02			0.05		0.12	0.03			0.05	0.26	0.01		19
20		0.02		0.44		0.05	0.01				0.48			20
21		0.40		0.19					0.25		0.19	0.01		21
22		0.28							0.12		0.11			22
23		0.04	0.08	0.03				0.53		0.10	0.01			23
24	0.05	0.74	0.06						1.07		0.01	0.29		24
25	0.12	0.15				0.03						0.02		25
26	0.35						0.02	0.64	0.36	0.01	0.03	0.20		26
27	0.01	0.16			0.03				0.19		0.02	0.63		27
28	0.04	0.01							0.04	0.03		0.35		28
29	0.02		0.03						0.03	0.06	0.08	0.11		29
30	0.04	✕		0.03				0.03	0.06	0.14	0.38	0.03		30
31		✕		✕		✕		0.09	✕	0.30	✕	0.14		31
													Year's Total	
TOTAL	1.34	2.64	1.24	1.93	0.39	3.55	0.82	1.97	3.55	2.86	5.10	2.63	28.02	
* Days with .01 in. or more.	17	16	11	19	5	19	6	7	15	17	24	18	174	
* Days with .04 in. or more.	9	10	7	14	3	16	2	6	13	13	18	13	124	

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) J. Oscar [P.T.O.

Borough Surveyor & Water Engineer.

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Section **A** for the entry of Daily Observations. Station No. 3134

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Thrybergh Reservoir.
in the County of York (West Riding)
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.02	0.09	0.11	0.43			0.01	0.09	0.01	[illegible]	0.02	0.17		1
2	0.01	0.06	0.09	0.01		0.69	0.06	0.12			0.19	0.13		2
3	0.04	0.04				0.05		0.02	0.15			0.03		3
4	- -	0.02	0.04		0.01	0.04		0.02	0.08		0.18	0.07		4
5	0.08	0.02	0.23		0.01			0.08	0.06		0.02	0.15		5
6					0.02	0.07	0.12	0.26	0.32		0.12			6
7	0.19		0.01				0.40		0.14	0.03	0.01			7
8	0.07		0.04				0.01				0.14	0.02		8
9	0.15	0.01	0.02		0.02	0.02	0.87			0.08	0.30			9
10			0.01	0.02			0.88	0.29	0.04	0.03	0.10			10
11				0.11		0.03	0.03	0.24	=		0.48			11
12				0.13	0.02	0.70	0.32		0.30		0.10	0.11		12
13				0.06		0.23	0.02		0.25	0.06		0.30		13
14				0.11		0.05	0.01		0.21	0.02	0.04	0.08		14
15	0.16	0.07		0.16		0.02	0.01	0.14	0.03		0.15	0.03		15
16	0.23	0.03		0.05			0.01				0.41			16
17		0.46			0.10		0.08			0.05	0.02	0.04		17
18		0.09					0.05	0.01		0.22	0.02			18
19	0.60	0.06		0.03		0.21	0.01	0.37		0.03	0.01			19
20	0.09	0.17		0.01		0.62			0.02	0.02				20
21	0.01		0.03	0.07		0.03								21
22	0.01	0.48	0.09		0.02	0.98	0.02					0.01		22
23			0.06	0.03	0.06		0.43							23
24	0.16	0,06		0.02	0.36				0.14	0.23	0.02			24
25	0.14	0.01	0.02	0.02			0.10		0.20	0.06				25
26		0.06	0.53						0.05	0.18	0.03			26
27	0.14		0.06						0.14	0.23				27
28	0.24	0.58	0.03				0.10				0.02	0.06		28
29	0.33	0.40	0.12			0.29	0.01			0.03	0.39	0.19		29
30	0.05	✕			0.31	0.04	0.23			0.75	0.04			30
31	0.09	✕		✕		✕	0.01		✕	0.09	✕			31
TOTAL	2.81	2.71	1.49	1.26	0.93	4.07	3.79	1.64	2.14	2.11	2.81	1.39	Year's Total 27.15	✓
* Days with .01 in. or more.	20	18	16	15	10	16	23	11	16	16	22	14	197	✓
* Days with .04 in. or more.	16	13	10	8	4	12	12	8	13	10	13	10	129	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) F. O. Kirby [P.T.O.
Borough Surveyor & Water Engineer.

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Section **A** for the entry of Daily Observations

Station No. 3134

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.15	0.09	0.03				0.01		0.08		0.03	0.10		1
2	0.01	0.05	0.01	0.27								1.75		2
3		0.03	0.01	0.07		0.03	0.03					0.06		3
4	0.05	0.01	0.03	0.19								0.22		4
5	0.17		0.05									0.09		5
6	0.01		0.12	0.02	0.11		0.20				0.05	0.11		6
7		0.47	0.03	0.16	0.14						0.03	0.06		7
8		0.47	0.01	0.03							0.11	0.06		8
9		0.14		0.03	0.23		0.58	0.02				0.07		9
10	0.01	0.02		0.10	0.05	0.08				0.01	0.01	0.16		10
11			0.97		1.00			0.04				0.05		11
12	0.07	0.31	0.07	0.01	0.26	0.22			0.17			0.12		12
13		0.02		0.01	0.11	1.16			0.08			0.20		13
14			0.52			0.01		0.03	0.01			0.11		14
15	0.08	0.16		0.36			1.53					0.03		15
16	0.13	0.04	0.26	0.59		0.02		0.06	0.06			0.02		16
17	0.16		0.24	0.36		0.01			1.05					17
18	1.06	0.05	0.09			0.03					0.44			18
19		0.02		0.03		0.26	0.17				0.38			19
20	0.18	0.06		0.25	0.69									20
21	0.02	0.02	0.04		0.02		0.14		0.01	0.04		0.01		21
22			0.01		0.02		0.01			0.16	0.15			22
23	0.40		0.01		0.03		0.11			1.44	0.39			23
24	0.11	0.26	0.01			0.01	0.01		0.10	0.20				24
25	0.07	0.42	0.11							0.33		0.04		25
26		0.17	0.09		0.45							0.02		26
27		0.15	0.05	0.14						0.70		0.01		27
28	0.02	0.40	0.06							0.01		0.01		28
29	0.03	X	0.01							0.01	0.02	0.03		29
30	0.43	✕				0.03		0.03		0.02	0.04	0.05		30
31	0.30	✕		✕		✕			✕	0.23	✕	0.05		31
TOTAL	3.46	3.36	2.83	2.62	3.11	1.86	2.79	0.18	1.56	3.15	1.65	3.43	Year's Total 30.00	✓
* Days with .01 in. or more.	20	21	23	16	12	11	10	5	8	11	11	24	172	✓
* Days with .04 in. or more.	14	15	13	10	9	4	6	2	6	7	7	17	110	✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

Water Engineer,
Doncaster.

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Section **A** for the entry of Daily Observations

Station No. 3134

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.02	0.01				0.50	0.12	0.01			0.03	0.12		1
2	0.05			0.04	0.09	0.03				0.09	0.05	0.06		2
3	0.04					0.03	0.06		0.23	0.68	0.01	0.01		3
4	0.03		0.01			0.04	0.04			0.11	0.01	0.13		4
5						0.01	0.01	0.47	0.02	0.38		0.01		5
6	0.03	0.02					0.10	0.01	0.02	0.03				6
7	0.10	0.01					0.36	0.06	0.26	0.04		0.01		7
8	0.35						0.11	0.01		0.26		0.09		8
9	0.07	0.03				0.10	0.04	0.74	0.02	0.01		0.28		9
10		0.07				0.03	0.30		0.01		0.01	0.01		10
11	0.19								0.01	0.01	0.02	0.07		11
12	0.12	0.04			0.04		0.01	0.26		0.26	0.03			12
13		0.04						0.28		0.13	0.06	0.27		13
14	0.10	0.07			0.04		0.28		0.23			0.04		14
15	0.23						0.33	0.01				0.30		15
16	0.11						0.47	0.03		0.01	0.05	0.27		16
17		0.02			0.22		0.10	0.03	0.04	0.02		0.02		17
18	0.03	0.01			0.29	0.10			0.01	0.06	0.20	0.01		18
19		~~0.08~~			0.01			0.10				0.10		19
20									0.01		0.35	0.14		20
21			0.03						0.03		0.01	0.13		21
22				0.03		0.56					0.25	0.15		22
23						0.07			0.20		0.16			23
24			0.08				0.01	0.06	0.36	0.01	0.08	0.01		24
25	0.04	0.08	0.05					0.02		0.24	0.72	0.03		25
26	0.01	0.67	0.09						0.19	0.08		0.04		26
27		0.04			0.06	0.21	0.15	0.28	0.08	0.01	0.12			27
28	0.14				0.63	0.09	0.06	0.68	0.13	0.05		0.01		28
29	0.03			0.08	0.49	0.02	0.02		0.02	0.02	0.07	0.03		29
30	0.01	✕			0.19	0.15			0.08		0.11	0.05		30
31	0.15	✕		✕	0.24	✕		0.01	✕	0.15	✕	0.62		31
TOTAL	1.85	1.11	0.26	0.15	2.30	1.94	2.57	3.06	1.95	2.65	2.34	3.01	Year's Total 23.19	
* Days with .01 in. or more.	20	13	5	3	11	14	18	17	19	21	19	27	187	
* Days with .04 in. or more.	13	7	3	2	10	9	14	9	10	13	12	17	119	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) Jo. Kirby

Borough Surveyor & Water Engineer.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3134

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

Kept at Thrybergh Reservoir

in the County of York (West Riding)

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " Ground " Sea Level 184 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.01		0.01	0.10			0.08	0.14	0.06					1
2	0.05			0.09				0.18	3.14	0.04	0.03	0.03		2
3	0.08			0.02				0.27		0.01	0.16	0.16		3
4	0.35		0.20	0.59			0.03	0.32		0.05	0.07	1.22		4
5				0.01	0.05		0.26	0.16		0.12	0.22	0.28		5
6	0.35						0.46			0.04	0.11			6
7	0.11	0.08	0.01								0.33	0.16		7
8	0.01	0.02	0.07				0.13				0.01	0.23		8
9	0.02	0.02						0.09		0.90	0.01	0.13		9
10	0.60		0.01					0.02	0.03	0.02				10
11	0.10		0.24		0.03	0.30			0.05					11
12	0.03	0.08				0.10						0.02		12
13	0.01			0.04	0.03	0.06			0.04	0.04				13
14	0.60		0.02	0.17	0.17	0.15	0.31			0.36	0.04	0.02		14
15	0.05				0.37	0.28	0.12		0.02					15
16			0.24		0.79	0.03	1.40				0.09			16
17	0.66		0.02	0.25	0.10		0.12			0.65				17
18	0.43	0.02	0.05			0.39	0.25		0.01		1.09			18
19	0.20		0.01			0.29	0.19	0.02	0.07			0.02		19
20	0.01					0.08		0.26	0.22					20
21	0.10	0.14	0.18	0.02	0.06	0.11	0.51	0.21	0.17					21
22	0.09	0.35	0.07				0.04		0.05		0.08			22
23	0.15	[illegible]		0.04		0.03	0.03	0.01		0.05	0.39			23
24	0.02	0.01	0.35	0.02		0.09	0.08			0.01				24
25	0.70		0.02			0.03	0.02	0.44			0.24	0.03		25
26	0.03	0.05						0.05		0.03	0.06	0.12		26
27	0.04	0.01	0.36	0.11		0.04	0.03			0.35	0.11			27
28	0.03	0.13	0.28	0.19		0.05	0.14				0.17			28
29			0.04	0.08			0.49			0.22				29
30		✕									0.12			30
31		✕		✕		✕	0.03		✕	0.05	✕			31
TOTAL	4.83	0.91	2.18	1.73	1.60	2.03	4.72	2.17	3.86	2.94	3.33	2.42	Year's Total 32.72	✓
* Days with .01 in. or more.	26	11	18	14	8	15	20	13	11	16	18	12	182	✓
* Days with .04 in. or more.	17	6	11	10	6	12	15	10	8	12	15	7	129	✓

† Spare column, no entries required.

(*Signed*) F.O. Kirby

* See Instruction 3 (f) on other side.

P.T.O.

COPY FOR OFFICIAL USE

Section A **for the entry of Daily Observations** Station No. 3134

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 193~~4~~0

Kept at Thrybergh Reservoir

in the County of York (West Riding)

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 180 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1		0.08									0.23			1
2		0.02		0.18							0.26			2
3		0.19		0.12						0.22	0.04	0.10		3
4		0.16		0.07			0.01			0.12	0.44	0.06		4
5		0.02			0.14		0.26			0.13	0.20	0.21		5
6	0.11	0.10								1.10	0.10	0.06		6
7		0.29		0.09	0.07		0.06	0.04	0.04			0.02		7
8	0.01			0.08						0.05		0.13		8
9			0.31	0.01				0.01	0.03	0.11	0.60			9
10			0.04				1.28				0.09	0.12		10
11		0.04					0.62				0.45			11
12		0.06	0.20				0.02		0.06		0.17			12
13		0.05	0.24						0.04		0.01			13
14				0.04	0.11		0.67					0.29		14
15			0.03	0.01	0.15	0.19			0.04		0.15			15
16	0.14	0.18	0.05			0.01	0.49		0.09	1.07	0.56	0.06		16
17		0.03	0.42				0.58		0.14	0.10	0.59			17
18	0.03	0.17	0.02	0.78			0.18	0.15			0.05	0.09		18
19		0.15	0.01	0.25			0.20		0.27	0.10	0.09	0.04		19
20		0.10		0.16		0.02	0.02	0.08		0.02	0.08			20
21	0.06	0.01	0.04			0.18	0.09			0.13	1.10			21
22			0.02		0.03	0.34			0.09	0.04		0.04		22
23		0.09	0.02		0.02	0.10	0.01			0.06	0.12	0.03		23
24	0.05						0.03			0.12		0.02		24
25	0.13									0.09				25
26	0.43	0.01			0.05	0.01	0.01	0.02		0.03				26
27	0.41	0.07					0.06	0.05		0.02	0.01			27
28	0.39	0.40			0.03									28
29			0.09			0.02						0.33		29
30	0.20	×		0.21						0.13		0.31		30
31	0.10	×	0.10	×		×			×	0.92	×	0.17		31
TOTAL	2.06	2.22	1.59	2.00	0.60	0.87	4.59	0.31	0.80	4.56	5.34	2.08	Year's Total 27.02	
* Days with .01 in. or more.	12	20	14	12	8	8	17	5	9	19	20	17	161	
* Days with .04 in. or more.	10	15	9	10	5	4	11	3	8	16	18	14	123	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) J. Oscar Kirby

[P.T.O.

3135

Section **A** for the entry of

AIR MINISTRY

FORM 1090.

REGIST

Kept at Rawmarsh (Sc

in the County of York

Diameter of Funnel of Gauge

Height of top of Gauge above Groun

,, Ground ,, Sea L

THE MORNING MEASU

An observer who does not conform to

year in the space on the right of th

3135

RAW MARSH

1931 —34

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PY FOR OFFICIAL USE.

ORGANIZATION.

lowing

Jan. 1, following

Date	Jan.	Feb.	March								Nov.	Dec.	Date
	in.	in.	in.								in.	in.	
1	trace	·03	·13x	·01	—	·15	—	—	·02	·01	—	·01x	1
2	·01	·02	—	·61	·02	·56	trace	—	·48	·02	trace	·01	2
3	trace	tracex	—	·12	—	·02	·03	—	·58	trace	·14	·16	3
4	·02	·11x	—	·06	—	—	·34	·14	1·63	trace	·08	·01	4
5	—	·02x	—	—	·09	1·12x	·09	·57	·08	—	trace	·23	5
6	—	·24x	·01x	—	—	·12	·34	·01	·01	·14	·04	—	6
7	—	—	·02x	—	—	·71	·03	·72	—	·06	·19	trace	7
8	·02	·01	·04x	·01	·03	·01	·05	·81	—	·01	·13	—	8
9	—	·16	·02x	·21	·04	·15	·03	·25	·03	—	·29	·01	9
10	—	·12	·04x	—	·03	·01	trace	·04	—	—	·07	trace	10
11	trace	·26	—	—	—	trace	·02	—	·18	—	·02	—	11
12	·04	·07	—	—	—	—	·58x	—	·09	·05	·03	—	12
13	trace	—	tracex	—	—	·02	·04	·03	·02	—	—	—	13
14	—	·07	—	—	—	·56	·38	·71	—	—	·58	·01	14
15	·01	·03	—	·07	·01	—	·15	·03	·01	—	·01	·03	15
16	·04	·15x	—	·05	·12	·80	—	·19	·25	—	—	—	16
17	·02	·19	—	·44x	·06	·14	·04	·14	·01	·01	—	trace	17
18	·01	·02	—	·29	—	·18	·33	·05	—	·01	·52	·01x	18
19	·04	trace	—	·11	—	trace	·19	·07	·12	·02	tracex	—	19
20	—	·08	trace	·06	—	—	trace	·29	—	trace	tracex	·01	20
21	·06	·01	trace	trace	·19	—	—	trace	—	—	·12	trace	21
22	·01	trace	—	·01	·22	—	—	—	—	—	tracex	—	22
23	·30	—	trace	·04	·48	·15	·14	—	·01	—	·17	trace	23
24	·04	·01	—	·19	·54	—	·25	trace	—	·01	trace	trace	24
25	·03	trace	—	·44	—	—	·53	—	trace	—	·01	trace	25
26	·07	·04	—	·14	·44x	—	·05	—	—	—	·15	trace	26
27	·08	·21x	—	·02	·03	—	·01	—	—	·10	·20	·04x	27
28	·13	·28x	—	·10	·10	—	—	—	trace	·01	trace	·08x	28
29	·32	×	tracex	—	·13	—	·12	—	—	·13	·03	·02x	29
30	·02	×	—	·01	·07	—	—	—	·01	—	tracex	—	30
31	·19	×	—	×	trace	×	trace	—	×	·02	×	—	31
TOTAL	1·46	2·13	0·26	2·99	2·60	4·70	3·74	4·05	3·53	0·60	2·78	0·63	YEAR'S TOTAL 29·47"
*Days with ·01 in. or more.	20	21	6	20	17	15	21	15	16	14	18	13	196
*Days with ·04 in. or more.	11	13	3	15	12	11	16	12	8	5	13	4	123

x Snow. x Snow. x hail rain snow. x thunder-storm. x steady rain. x thunder-storm. x very heavy rain. x condensation x x Snow.

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) Leslie Atkinson

P.T.O.

3135

Section **A** for the entry of PY FOR OFFICIAL USE.
AIR MINISTRY ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Rawmarsh (South Yorkshire)
in the County of Yorks.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft 0 in.
,, Ground ,, Sea Level 230 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	trace	·03	·13x	·01	—	·15	—	—	·02	·01	—	·01x	1
2	·01	·02	—	·61	·02	·56	trace	—	·48	·02	trace	·01	2
3	trace	tracex	—	·12	—	·02	·03	—	·58	trace	·14	·16	3
4	·02	·11x	—	·06	—	—	·34	·14	1·63	trace	·08	·01	4
5	—	·02x	—	—	·09	1·12x	·09	·57	·08	—	trace	·23	5
6	—	·24x	·01x	—	—	·12	·34	·01	·01	·14	·04	—	6
7	—	—	·02x	—	—	·71	·03	·72	—	·06	·19	trace	7
8	·02	·01	·04x	·01	·03	·01	·05	·81	—	·01	·13	—	8
9	—	·16	·02x	·21	·04	·15	·03	·25	·03	—	·29	·01	9
10	—	·12	·04x	—	·03	·01	trace	·04	—	—	·07	trace	10
11	trace	·26	—	—	—	trace	·02	—	·18	—	·02	—	11
12	·04	·07	—	—	—	—	·58x	—	·09	·05	·03	—	12
13	trace	—	tracex	—	—	·02	·04	·03	·02	—	—	—	13
14	—	·07	—	—	—	·56	·38	·71	—	—	·58	·01	14
15	·01	·03	—	·07	·01	—	·15	·03	·01	—	·01	·03	15
16	·04	·15x	—	·05	·12	·80	—	·19	·25	—	—	—	16
17	·02	·19	—	·44x	·06	·14	·04	·14	·01	·01	—	trace	17
18	·01	·02	—	·29	—	·18	·33	·05	—	·01	·52	·01x	18
19	·04	trace	—	·11	—	trace	·19	·07	·12	·02	tracex	—	19
20	—	·08	trace	·06	—	—	trace	·29	—	trace	tracex	·01	20
21	·06	·01	trace	trace	·19	—	—	trace	—	—	·12	trace	21
22	·01	trace	—	·01	·22	—	—	—	—	—	tracex	—	22
23	·30	—	trace	·04	·48	·15	·14	—	·01	—	·17	trace	23
24	·04	·01	—	·19	·54	—	·25	trace.	—	·01	trace	trace	24
25	·03	trace	—	·44	—	—	·53	—	trace	—	·01	trace	25
26	·07	·04	—	·14	·44x	—	·05	—	—	—	·15	trace.	26
27	·08	·21x	—	·02	·03	—	·01	—	—	·10	·20	·04x	27
28	·13	·28x	—	·10	·10	—	—	—	trace	·01	trace	·08x	28
29	·32	✕	tracex	—	·13	—	·12	—	—	·13	·03	·02	29
30	·02	✕	—	·01	·07	—	—	—	·01	—	tracex	—	30
31	·19	✕	—	✕	trace	✕	trace	—	✕	·02	✕	—	31
TOTAL	1·46	2·13	0·26	2·99	2·60	4·70	3·74	4·05	3·53	0·60	2·78	0·63	YEAR'S TOTAL 29·47"
*Days with ·01 in. or more.	20	21	6	20	17	15	21	15	16	14	18	13	196
*Days with ·04 in. or more.	11	13	3	15	12	11	16	12	8	5	13	4	127

x Snow. x Snow. x hail rain & snow. x thunder-storm. x steady rain. x thunder-storm. x Very heavy rain. x condensation x — Snow.

40-9999

(Signed) Leslie Atkinson

P.T.O.

*See Instruction 2 (*f*) on other side.

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. 3135

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Rawmarsh

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 2 in.

,, Ground ,, Sea Level 225

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·03	·03	—	·04	·46	·01	·09	·04	·19	·21	trace	·01	1
2	·03	—	—	—	·29	—	—	·01	·11	·03	trace	·07	2
3	·01	—	—	·40	·02	—	·19	—	—	·06	—	·03	3
4	—	trace	—	·14	trace	·01	trace	—	—	—	·10	—	4
5	·07	—	·07	trace	·07	—	—	·01	·03	—	—	trace	5
6	·53	—	·07	·10	trace	—	·02	—	·04	—	—	—	6
7	—	—	·09	·18	trace	—	·03	—	·17	·09	·01	—	7
8	—	trace	—	·04	trace	—	—	—	·12	·17	·02	—	8
9	·03	·11×	·03	·08	·01	—	—	—	—	trace	—	·01	9
10	·09	·05×	·01	·02	—	—	—	—	·03	·19	—	·10	10
11	·02	·03×	·01	·05	·06	·12	·59	—	·03	·02	·02	—	11
12	·08	trace	—	trace	·05	—	trace	·01	trace	·20	·04	—	12
13	·06	·04	—	·04	·01	—	·42	trace	·01	·21	·03	·02	13
14	·07	trace	—	·08	—	—	·10	·01	—	·01	·11	trace	14
15	—	—	—	·04	·09	—	—	—	—	·04	·02	·06	15
16	·20	—	·01	·26	·06	—	·04	—	—	—	trace	trace	16
17	—	trace	—	trace	·01	—	·08	—	—	·11	·01	—	17
18	trace.	—	—	—	·01	—	—	—	trace	—	—	—	18
19	—	—	trace	·03	—	—	—	trace	—	·05	—	—	19
20	—	—	—	·08	·35	—	·01	·47	—	·17	·02	—	20
21	—	trace	·12	·26	3·25	—	·01	·72	—	·50	trace	·05	21
22	—	trace	·35	·02	·52	—	·25	—	·24	trace	·29	·01	22
23	—	trace	—	·04	·16	—	·03	—	·02	·12	·05	·01	23
24	·02	—	—	·02	·01	—	·24	—	·01	—	·11	—	24
25	—	·03	—	·01	·01	trace	trace	trace	·03	·28	trace	trace×	25
26	—	·02	trace	·15	·37	—	·02	—	·01	·18	·18	trace×	26
27	—	—	·21	·09	·55	·04	trace	—	—	·02	·12	—	27
28	—	—	·04	·22	·17	trace	·21	1·31	—	—	trace	·01	28
29	trace	—	·13	·14	·01	trace	·04	·04	·16	·37	·01	·05	29
30	trace	✕	·06	·17	trace	·28	trace	·06	·03	·02	·13	·20	30
31	trace×	✕	·05	✕	·02	✕	·25	—	✕	—	✕	·03	31
													YEAR'S TOTAL
TOTAL	1·24	·31	1·25	2·70	6·56	0·46	2·62	2·68	1·23	3·05	1·27	·66	24·03
*Days with ·01 in. or more.	13	7	14	25	23	5	18	10	16	21	17	14	183
*Days with ·04 in. or more.	7	3.	10.	20.	14	3.	12	6.	7	16	9	6.	113.

× Condensation. × Snow.

× condensation.

40-9999

*See Instruction 2 (*f*) on other side,

(Signed) Leslie Atkinson

P.T.O.

3135

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations.

Station No. ~~3135~~

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Cawmarsh.
in the County of York.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 225 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·16	·13	·16	—	—	—	—	—	—	·01	·04	—		1
2	·14	—	·27	—	—	—	—	—	—	trace	·07	—		2
3	·04	·08	·10	—	·32	—	—	—	—	—	·09	—		3
4	·08	·02	·01	—	·01	—	—	—	—	—	trace	—		4
5	·04	trace	·04	—	·24	—	—	—	—	—	trace	—		5
6	—	·08	·07	—	·49	—	—	—	—	—	—	·05		6
7	—	·08	·01	trace	·22	—	·28	—	—	·58	—	·01		7
8	·01	·01	·18	—	·01	—	·47	—	—	trace	·01	·02		8
9	—	·12	—	—	trace	—	·25	—	—	·53	trace	·01		9
10	—	·08	—	—	trace	·07	trace	—	—	1·86	·02	—		10
11	—	—	—	—	·02	—	·13	trace	—	·16	—	—		11
12	·02	—	—	—	—	·06	·06	—	—	—	—	·04✓		12
13	trace*	—	—	—	·34	trace	·07	·01	·09	trace	·03	—		13
14	trace*	—	trace	—	·04	—	trace	—	—	·05	·21	—		14
15	·80+	—	trace	—	—	·02	—	·04	—	·14	·91	·04		15
16	·36✓	—	·37	trace	·04	·03	·23	trace	—	·04	·05	trace		16
17	·13✓	—	·68	trace	—	·02	—	trace	—	—	·14	·01*		17
18	·02✓	·14✓	·09	trace	—	·07	—	—	trace	—	·08	—		18
19	—	·01✓	·34	·03✓	—	·02	—	—	trace	—	·02	·01		19
20	—	—	—	trace	—	—	—	·10	·06	—	·02	trace		20
21	—	trace✓	—	—	trace	·49	—	·08	·01	traces	·02	—		21
22	—	—	—	—	·02	·03	—	·14	—	·61	trace	·01*		22
23	trace	·02✓	—	·09	—	trace	—	—	·25	trace	—	—		23
24	—	·45✓	—	·15	·08	·24	—	—	·70	—	·03	·01		24
25	—	·92✓	—	·25	·11	·01	—	—	·23	trace	·02	·02		25
26	—	1·05+	—	·02	trace	—	—	—	·01	·09	trace	·02		26
27	—	·05	—	—	·09	—	—	—	·05	·18	—	—		27
28	—	·01	—	·02	·10	—	·03	—	·01	·11	—	—		28
29	—	×	—	·25	—	—	—	—	trace	·15	—	trace		29
30	·07	×	·01	·25	—	—	·01	—	—	·01	—	·03		30
31	·05	×	·01	×	—	×	trace	·01	×	·07	×	trace		31
TOTAL	1·92	3·25	2·34	1·06	2·13	1·06	1·53	·38	1·41	4·59	1·76	·28	Year's Total 21·71	
*Days with ·01 in. or more.	13	16	14	8	15	11	9	6	9	15	16	13	145	
*Days with ·04 in. or more.	10	11	10	5	11	5	7	4	6	13	8	3	93	

* condensation.
+ rain, sleet & snow.
✓ Snow.

40-9999
*See Instruction 2 (f) on other side.

9

† Spare column, no entries required.

(*Signed*) Leslie Atkinson.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3135

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION. 10 Aug ~~31st~~

FORM 1090.

REGISTER OF RAINFALL IN 1934

Kept at Ravenmarsh — Rotherham on & after Oct. 13. 34.

in the County of York.

Diameter of Funnel of Gauge 5 in. — 5"

Height of top of Gauge above Ground 1 ft 0 in. — 1-0"

,, Ground ,, Sea Level 225 ft. — 284 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	tr.	—	—	tr.	—	—	—	·03	—					1
2	tr.	tr.	·01	tr.	tr.	—	—	·02	·14					2
3	tr.	·01	—	—	—	—	—	—	—					3
4	·04	—	·06	·40	tr.	—	—	—	·08					4
5	tr.	—	·12	·01⊗	·17	—	—	·16						5
6	—	tr.	·03*	—	·17	·01	—	·08						6
7	·02	·03	·02	—	—	·03	—	~~·02~~						7
8	—	—	·01	—	·09	·12	—	·04						8
9	—	—	·08	·02	—	—	—	tr.						9
10	—	—	·32	·18	—	—	—	·01						10
11	·41	—	·16	·31	—	—	—	tr.						11
12	—	tr.×	·23	·13	—	—	·07	·01						12
13	·32	—	·01	·02	tr.	—	·66	·08						13
14	·04	—	·20	tr.	·04	·25	tr.	·01						14
15	·17	—	·11	—	·18	—	—	·01						15
16	·14	—	·07	—	·25	—	—	—						16
17	·10	—	·02	—	tr.	—	·03	—						17
18	·06	—	·18	·15	tr.	tr.	·03	—						18
19	tr.	—	·09	·06	·02	·06	—	—						19
20	—	—	·03	—	·01	·02	—	—						20
21	·01	—	tr.	—	tr.	·19	tr.	—						21
22	—	—	—	—	—	—	—	·08						22
23	—	—	·03	·03	tr.	—	·33	—						23
24	—	·07	·10	·06	—	·10	·03	—						24
25	·01	—	—	·02	tr.	tr.	—	—						25
26	·04	—	tr.	·11	—	tr.	tr.	—						26
27	·02	·71	—	·47	—	·07	·02	—						27
28	—	—	—	·14	—	·19	tr.	·12						28
29	—	×	·02	—	—	—	tr.	·04						29
30	·03	×	tr.	—	—	—	·30	—						30
31	·02	×	—	×	—	×	—	·04	×		×			31
TOTAL	1.43	0.82	1.90	2.11	0.93	1.04	1.47	0.73					Year's Total.	
* Days with .01 in. or more.	15	4	21	15	8	10	8	14						
* Days with .04 in. or more.	9	2	12	10	6	7	4	8						

It Terminated 9
moved to
Rotherham (Broom Lane)
3 miles S.

40-9999

× Condensation ✓ snow & sleet * rain & sleet ⊗ snow.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) L. Atkinson [P.T.O.

3136

Section **A** for the entry of Da

AIR MINISTRY.—

FOR OFFICIAL USE.

GANIZATION.

FORM 1090.

REGISTE

—

3136

ECCLESFIELD

1931 —— 40

780507

Kept at Ecclesfield

in the County of Yorks.

Diameter of Funnel of Gauge

Height of top of Gauge above Ground

,, Ground ,, Sea Level

THE MORNING MEASUREI

An observer who does not conform to this
year in the space on the right of this pa

Ple

Jan. 1, following

Date	Jan.	Feb.	March	Apr							v.	Dec.	Date
	in.	in.	in.*	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	—	·25	—	—	·07	—	·02	03	—	—	—	1
2	—	·03	—	·60	·04	·75	—	—	·47	·02	·04	·09	2
3	—	—	—	·10	—	·03	·04	—	1·25	—	·34	·15	3
4	—	·11	—	·13	—	—	·31	·11	1·34	—	·09	·08	4
5	—	·03	—	—	·16	1·17	—	·66	·08	—	—	·22	5
6	—	·27	—	—	—	·09	1·06	—	·02	·12	·11	—	6
7	—	—	·01	—	—	·61	·16	·99	—	·06	·28	—	7
8	—	·06	·01	—	·07	·03	·04	·63	—	—	·21	—	8
9	—	·34	—	·18	·08	·14	—	·25	·02	—	·33	·02	9
10	—	·13	·05	—	—	·02	—	·11	·02	—	·16	·01	10
11	·04	·36	—	—	—	·02	·04	—	·17	—	·03	—	11
12	·04	·08	—	—	—	—	·64	—	·05	·04	·04	—	12
13	—	—	—	—	—	·03	·02	·11	·02	—	·01	—	13
14	·01	·07	—	—	·03	·54	1·14	1·12	—	—	·66	—	14
15	·02	·11	—	·04	·01	—	·32	·03	·03	—	·02	·07	15
16	·24	·20	—	·11	·16	·87	—	·41	·22	—	—	—	16
17	—	·19	—	·47	·11	·07	·09	·09	—	—	—	—	17
18	·04	·02	—	·31	—	·16	·25	·07	—	—	·73	—	18
19	·08	·03	—	·12	—	·06	·07	·14	·09	·08	—	—	19
20	—	·09	—	·09	—	—	·01	·41	—	—	·02	·02	20
21	·12	·04	—	—	·41	—	—	·02	—	—	·09	—	21
22	·03	·02	—	—	·14	—	—	—	—	—	·02	—	22
23	·73	—	—	·12	·51	·16	·15	—	—	—	·24	—	23
24	·13	—	—	·23	·54	—	·23	—	—	·07	·02	·05	24
25	·08	·06	—	·39	—	—	·42	—	—	—	·02	—	25
26	·02	·04	—	·21	·06	—	·05	—	—	—	·18	—	26
27	·11	·19	—	—	·03	—	·03	—	—	·16	·29	·15	27
28	·17	—	—	·07	·26	—	—	—	·02	—	—	·09	28
29	·24	×	—	—	·25	—	·11	—	—	·11	·04	·02	29
30	·02	×	—	—	·07	—	—	—	—	·02	—	—	30
31	·27	×	—	×	—	×	·02	—	×	—	×	—	31
TOTAL	2·39.	2·47.	0·32.	3·17.	2·93.	4·82	5·20.	5·17.	3·83.	0·68.	3·97.	0·97.	YEAR'S TOTAL 35·92
*Days with ·01 in. or more.	18.	21.	4.	15.	17.	17.	21.	16.	15.	9.	23.	12.	188
*Days with ·04 in. or more.	13.	16.	2.	15.	14.	12.	17.	13.	8.	7.	16.	8.	141

40-9999 * Thawed snow falling on two days.

*See Instruction 2 (*f*) on other side.

(Signed) [illegible]

P.T.O.

3136

Section **A** for the entry of Dai FOR OFFICIAL USE.
AIR MINISTRY.— ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

30 DEC 1931
For attention of

Kept at Ecclesfield.
in the County of Yorks.
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft 0 in.
,, Ground ,, Sea Level 172 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.*	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	—	·25	—	—	·07	—	·02	·03	—	—	—	1
2	—	·03	—	·60	·04	·75	—	—	·47	·02	·04	·09	2
3	—	—	—	·10	—	·03	·04	—	1·25	—	·34	·15	3
4	—	·11	—	·13	—	—	·31	·11	1·34	—	·09	·08	4
5	—	·03	—	—	·16	1·17	—	·66	·08	—	—	·22	5
6	—	·27	—	—	—	·09	1·06	—	·02	·12	·11	—	6
7	—	—	·01	—	—	·61	·16	·99	—	·06	·28	—	7
8	—	·06	·01	—	·07	·03	·04	·63	—	—	·21	—	8
9	—	·34	—	·18	·08	·14	—	·25	·02	—	·33	·02	9
10	—	·13	·05	—	—	·02	—	·11	·02	—	·16	·01	10
11	·04	·36	—	—	—	·02	·04	—	·17	—	·03	—	11
12	·04	·08	—	—	—	—	·64	—	·05	·04	·04	—	12
13	—	—	—	—	—	·03	·02	·11	·02	—	·01	—	13
14	·01	·07	—	—	·03	·54	1·14	1·12	—	—	·66	—	14
15	·02	·11	—	·04	·01	—	·32	·03	·03	—	·02	·07	15
16	·24	·20	—	·11	·16	·87	—	·41	·22	—	—	—	16
17	—	·19	—	·47	·11	·07	·09	·09	—	—	—	—	17
18	·04	·02	—	·31	—	·16	·25	·07	—	—	·73	—	18
19	·08	·03	—	·12	—	·06	·07	·14	·09	·08	—	—	19
20	—	·09	—	·09	—	—	·01	·41	—	—	·02	·02	20
21	·12	·04	—	—	·41	—	—	·02	—	—	·09	—	21
22	·03	·02	—	—	·14	—	—	—	—	—	·02	—	22
23	·73	—	—	·12	·51	·16	·15	—	—	—	·24	—	23
24	·13	—	—	·23	·54	—	·23	—	—	·07	·02	·05	24
25	·08	·06	—	·39	—	—	·42	—	—	—	·02	—	25
26	·02	·04	—	·21	·06	—	·05	—	—	—	·18	—	26
27	·11	·19	—	—	·03	—	·03	—	—	·16	·29	·15	27
28	·17	—	—	·07	·26	—	—	—	·02	—	—	·09	28
29	·24	×	—	—	·25	—	·11	—	—	·11	·04	·02	29
30	·02	×	—	—	·07	—	—	—	—	·02	—	—	30
31	·27	×	—	×	—	×	·02	—	×	—	×	—	31
TOTAL	2·39	2·47	0·32	3·17	2·93	4·82	5·20	5·17	3·83	0·68	3·97	0·97	YEAR'S TOTAL 35·92
*Days with ·01 in. or more.	18	21	4	15	17	17	21	16	15	9	23	12	188
*Days with ·04 in. or more.	13	16	2	15	14	12	17	13	8	7	16	8	141

40-9999 * Thawed snow falling on two days.

*See Instruction 2 (*f*) on other side.

(Signed)

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3136

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Ecclesfield

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

of Gauge above Ground 1 ft. 0 in.

Letter sent re large total 10/6/33

	1925	1926	1927	1928	1929	1930	1931	1932
Wincobank	24.23	23.31	25.68	26.53	22.21	31.54	30.37	24.85
Ecclesfield	25.88	23.90	29.08	31.14	26.17	33.77	35.92	30.81
Kimberworth	25.94	22.71	26.44	26.52	22.10	32.17	31.50	24.01

This person appears to have got big since 1927. Glaisher Gauge.

NOTE TO BE PUT in 10 yr BK

Jan. 1, following

											ov.	Dec.	*Date*
											in.	in.	
1											·02	·03	1
2											·04	·13	2
3											—	·19	3
4											·09	—	4
5											—	—	5
6	·71	—	·17	·31	—	—	—	—	·06		—	—	6
7	—	—	·23	·23	—	—	·06	—	·18	·17	·03	—	7
8	—	—	—	·09	·01	—	—	—	·12	·21	—	—	8
9	·09	—	—	·11	—	—	—	—	—	·01	—	—	9
10	·14		—	·05	—	—	—	—	·13	·11	—	·18	10
11	·16	·18	·05	—	·08	·08	·58	—	—	·09	·04	—	11
12	·13		—	·02	·04	·06	·03	—	—	·11	—	—	12
13	·05	·15	—	·08	·05	—	·78	—	·02	·47	·06	·05	13
14	·09	—	—	·16	—	—	·17	—	—	·03	·15	·03	14
15	—	—	—	·03	·23	—	—	—	—	·06	·01	·05	15
16	·28	—	—	·28	·04	—	·88	—	—	—	—	—	16
17	—	—	—	·02	·02	—	·07	—	—	·29	·03	—	17
18	—	—	—	—	·02	—	—	—	—	—	—	—	18
19	—	—	—	·06	—	—	—	—	—	·11	—	—	19
20	—	—	—	·08	·71	—	—	·78	—	·22	·03	—	20
21	—	—	·21	·15	3·96	—	·02	·68	—	·49	·03	·06	21
22	—	—	·24	·06	·44	·01	·06	—	·28	·02	·45	·02	22
23	—	·03	—	·11	·07	—	·04	—	·04	·13	·08	·04	23
24	·03	—	—	·01	—	—	·13	—	—	·02	·13	—	24
25	—	·04	—	—	·01	—	·04	—	·01	·25	—	—	25
26	—	·03	—	·15	·44	—	·04	—	·03	·18	·28	—	26
27	—	—	·24	·11	·42	·08	·01	—	—	—	·13	—	27
28	—	—	·04	·22	·19	—	·21	·98	—	—	—	—	28
29	—	—	·21	·12	·38	—	·02	·29	—	·53	·05	·16	29
30	—	×	·08	·06	—	·39	—	·09	·12	·03	·17	·18	30
31	—	×	·11	×	·03	×	·36	—	×	·01	×	·06	31
TOTAL	2·11	0·48	1·66	3·15	8·15	0·65	3·72	2·87	1·30	3·72	1·82	1·18	YEAR'S TOTAL 30·81
*Days with ·01 in. or more.	13	5	11	25	21	7	19	7	12	23	18	13	174
*Days with .04 in. or more.	11	3	11	21	16	4	15	5	8	17	12	10	133

40-9999

*See Instruction 2 (*f*) on other side,

(*Signed*)

N.P

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3136

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Ecclesfield

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

" Ground " Sea Level 172 ft.

Letter sent re large total
10/6/33

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·11	05	—	·12	·62	·01	·04	·03	·28	·13	·02	·03	1
2	·08	—	—	—	·33	—	—	·02	—	·05	·04	·13	2
3	·01	—	—	·38	—	—	18	—	—	—	—	·19	3
4	—	—	—	·14	—	·02	—	—	—	—	·09	—	4
5	·23	—	08	—	·06	—	—	—	·03	—	—	—	5
6	·71	—	·17	·31	—	—	—	—	·06	—	—	—	6
7	—	—	23	·23	—	—	·06	—	·18	·17	·03	—	7
8	—	—	—	·09	·01	—	—	—	·12	·21	—	—	8
9	·09	—	—	·11	—	—	—	—	—	·01	—	—	9
10	·14		—	·05	—	—	—	—	·13	·11	—	·18	10
11	·16	·18	·05	—	·08	·08	·58	—	—	·09	·04	—	11
12	·13		—	·02	·04	·06	·03	—	—	·11	—	—	12
13	·05	·15	—	·08	·05	—	·78	—	·02	·47	·06	·05	13
14	·09	—	—	·16	—	—	·17	—	—	·03	·15	·03	14
15	—	—	—	·03	·23	—	—	—	—	·06	·01	·05	15
16	·28	—	—	·28	·04	—	·88	—	—	—	—	—	16
17	—	—	—	·02	·02	—	·07	—	—	·29	·03	—	17
18	—	—	—	—	·02	—	—	—	—	—	—	—	18
19	—	—	—	·06	—	—	—	—	—	·11	—	—	19
20	—	—	—	·08	·71	—	—	·78	—	·22	·03	—	20
21	—	—	·21	·15	3·96	—	·02	·68	—	·49	·03	·06	21
22	—	—	·24	·06	·44	·01	·06	—	·28	·02	·45	·02	22
23	—	·03	—	·11	·07	—	·04	—	·04	·13	·08	·04	23
24	·03	—	—	·01	—	—	·13	—	—	·02	·13	—	24
25	—	·04	—	—	·01	—	·04	—	·01	·25	—	—	25
26	—	·03	—	·15	·44	—	·04	—	·03	·18	·28	—	26
27	—	—	·24	·11	·42	·08	·01	—	—	—	·13	—	27
28	—	—	·04	·22	·19	—	·21	·98	—	—	—	—	28
29	—	—	·21	·12	·38	—	·02	·29	—	·53	·05	·16	29
30	—	×	·08	·06	—	·39	—	·09	·12	·03	·17	·18	30
31	—	×	·11	×	·03	×	·36	—	×	·01	×	·06	31
TOTAL	2·11	0·48	1·66	3·15	8·15	0·65	3·72	2·87	1·30	3·72	1·82	1·18	YEAR'S TOTAL 30·81
*Days with ·01 in. or more.	13	5	11	25	21	7	19	7	12	23	18	13	174
*Days with .04 in. or more.	11	3	11	21	16	4	15	5	8	17	12	10	133

40-9999

*See Instruction 2 (*f*) on other side,

(*Signed*)

N.P.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. [illegible] Station No. 3136

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

W Riding /7.

Kept at Ecclesfield

in the County of Yorkshire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 172 ft.

1932 Bg/[illegible]

Letter sent re [illegible] total 9/3/34

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY. New gauge [illegible]

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1st following 1/34

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·21	·21	·17	–	–	–	–	–	–	–	·02	–	1
2	·25	–	·36	–	–	–	–	–	–	–	·11	–	2
3	·01	·12	·08	–	·33	–	–	–	–	–	·07	–	3
4	·11	·05	·05	–	·08	–	–	–	–	–	·01	–	4
5	·09	·02	·18	–	·21	–	–	–	–	–	·02	–	5
6	–	·13	–	–	·72	–	–	–	–	–	–	·08.	6
7	·01	·07	·06	–	·14	–	·23	–	–	·76	–	·03	7
8	·03	·04	–	–	·01	–	·85	–	–	–	–	·02.	8
9	–	·12	–	–	–	–	·25	–	–	·49	–	–	9
10	–	·16	–	–	–	·06	–	–	–	1·88	·03	–	10
11	–	–	·10	–	–	–	·11	–	–	·15	·03	–	11
12	–	–	–	–	·45	·11	·09	–	–	–	–	·08.	12
13	·03	–	–	–	–	–	·05	–	·05	–	·03	–	13
14	·05	–	–	–	–	–	–	–	–	·03	·25	–	14
15	·94	–	·03	–	–	·05	·02	·05	–	·28	·71	·19	15
16	·33	–	·37	·07	·05	·06	·17	·01	–	·18	·07	–	16
17	·11	–	·85	–	·03	·07	–	–	·04	–	·18	–	17
18	·03	–	·12	–	–	·13	–	–	–	–	·09	–	18
19	–	·07	·49	·02	–	–	–	–	·33	–	·04	·02.	19
20	–	–	–	–	·03	–	–	·17	·02	–	·04	–	20
21	–	–	–	–	–	·08	–	·16	·03	–	·03	–	21
22	–	–	–	–	–	–	–	·17	–	·73	–	·02.	22
23	–	–	–	·14	–	–	–	–	·36	·02	–	–	23
24	–	–	–	·21	·08	·25	–	–	·68	–	·07	·02	24
25	–	–	–	·19	·07.	–	–	–	·29	–	·05	·04	25
26	–	2·93	–	·06	–	–	–	–	·03	·14	–	·02	26
27	–	–	–	–	·08	–	–	–	·06	·25	–	–	27
28	–	–	–	·04	·22.	–	·06	–	·02.	·25	–	–	28
29	–	–	–	·39	–	–	–	–	–	·17	–	–	29
30	·9	X	·05	·48.	–	–	·08	–	–	·04	–	·09	30
31	·13	X	·01	X	–	X	·03	–	X	·08	X	–	31
TOTAL	2·42.	3·92.	2·92.	1·60.	2·50	·81	1·94	·56	1·91	5·45	1·85	·61	YEAR'S TOTAL 26·49
*Days with ·01 in. or more.	15	11	14	9	14	8.	11	5	11	15	18	11	142.
*Days with .04 in. or more.	10.	10.	12.	8.	11	8.	9	4	7	13.	11	5.	108.

40-9999

*See Instruction 2 (*f*) on other side,

D O

(*Signed*) J Gregory Asst. Eng & Surveyor

P.T.O.

f 708828/26

COPY FOR OFFICIAL USE.

Section **A** **for the entry of Daily Observations.** **Station No** 3136

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

IX/W.Riding/7

Kept at Ecclesfield (SEWAGE WORKS)

in the County of Yorkshire.

1932 + 33 Big Wo.

Standard G. set up March 1934. see over

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground - ft. 6½" in.

,, Ground ,, Sea Level 172. ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	0.02	-	-	-	-	-	-	.05	.05	.05	-	.06		1
2	-	.02	.05	-	.03	-	-	-	.15	-	.09	.18		2
3	-	.04	-	-	-	-	-	.06	-	.11	-	-		3
4	.04	-	.12	.34	.02	-	-	.05	.04	.36	-	.81		4
5	-	-	.16	.02	.11	-	-	.02	-	.06	.11	.04		5
6	-	.02	.07	-	.25	.02	-	.08	-	.09	.12	.65		6
7	.05	.03	.06	-	-	.05	-	-	-	.08	.13	.21		7
8	-	-	.02	-	.19	.07	-	-	-	.02	.32	.03		8
9	-	-	.18	.04	-	-	-	-	-	.03	.81	.21		9
10	-	-	.31	.24	-	-	-	-	-	-	.70	-		10
11	.45	-	.16	.35	-	-	-	.05	-	-	-	.24		11
12	-	-	.22	.05	-	-	.07	.02	-	-	-	.07		12
13	.45	.02	.02	.03	.01	-	.66	.02	-	.03	-	-		13
14	.06	-	.38	-	.07	.12	-	-	-	.21	.21	.28		14
15	.33	-	.11	-	.21	-	-	-	.23	.04	.11	.02		15
16	.25	-	.11	-	.16	-	-	-	-	-	.07	.07		16
17	.24	-	.06	-	.03	-	.09	-	.08	.01	.03	.08		17
18	.16	-	.29	.25	-	-	-	-	-	-	-	.03		18
19	-	-	.19	.04	.50	.06	-	-	.05	-	-	-		19
20	-	-	.02	-	.04	-	-	.01	.01	-	-	-		20
21	-	-	-	-	.01	.23	-	-	.05	.04	-	-		21
22	-	-	-	-	-	-	-	.03	.29	.04	-	-		22
23	-	-	.09	.09	.01	-	.41	-	-	.04	.12	.09		23
24	-	.09	.04	.08	-	.09	.03	-	.02	.05	-	.01		24
25	.07	-	-	.04	-	-	-	-	.08	.17	-	.46		25
26	.13	-	-	.15	-	-	-	-	.08	-	.01	.03		26
27	-	.33	-	.53	-	.07	.04	-	.04	.15	-	.21		27
28	-	-	-	.17	-	.15	-	.11	-	.06	-	.36		28
29	-	-	.06	-	-	-	.39	.08	.39	.02	-	.09		29
30	.06	X	-	-	-	-	.02	-	.02	.21	~~.21~~ -	.04		30
31	-	X	-	X	-	X	-	.02	X	.06	X	-		31
TOTAL	2.31	0.53	2.72	2.42	1.63	0.86	1.71	0.60	1.58	1.93	2.83	4.28	Year's Total. 23.40	
* Days with .01 in. or more.	13	6	21	15	14	9	8	13	15	22	13	23	172	
* Days with .04 in. or more.	13	3	18	13	8	8	6	7	12	18	11	18	135	

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(Signed) F. THURLBY, ESQ. CE. [P.T.O.

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193......

At ....

In the County of ....

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... ft .... in.
Height of Ground above Sea Level .... ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.					
FEB.					
MAR.					
APRIL					

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
F.THURLBY ESQ., M.C. M.I.M.&.C.E.
Engineer & Surveyor Grenoside Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Ecclesfield Distance 3 furlongs Direction from gauge N.N.W.

Nearest Parish Church at Ecclesfield. Distance 7 furlongs Direction from gauge W by

Nature of objects nearest to gauge
Height of objects
Distances ..
Directions from gauge ..

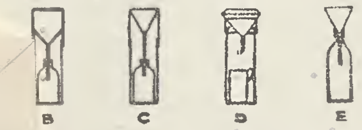
Open ground for a distance of 25 yards radius , then wall on two sides 3 feet high other sides open for a minimum distance of 70 yds.

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

of a self-registering or self-recording type please give particulars.



d of rainfall not quoted in **British Rainfall,** please
dress:—

....

TIONAL RAINFALL OF THE YEAR.

ls of unusual intensity it is desirable that answers
plied:—

e was empty at the beginning of the measured rainfall?
the times of beginning and end of this fall?
ent made?

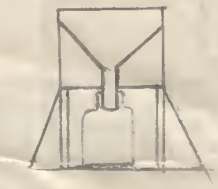
M.O. 7
8 -JAN 1935

DETAILS OF NEW RAIN GAUGE FIXED
AT ECCLESFIELD SEWAGE WORKS.
MARCH 1934.

As type "A" but with bottle container.
Diameter of funnel of gauge 5".
Height of top of gauge above ground 6½".

The gauge was supplied by the Meteorological Office on March 15th 1934.

Particulars from advice note :-
Part No. 182. Raingauge 5". 1674/33.



---

summary form above are printed in italic type.

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

some measures there is graduation marked ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\} \cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3136

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at ECCLESFIELD

in the County of YORKSHIRE

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. ~~6½~~ in.

,, Ground ,, Sea Level 172 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·13	-	·67	·03	·02	·05	-	-	-	·08	·16	·41		1
2	-	-	·04	-	-	·22	-	-	-	·53	·05	·06		2
3	-	·13	·08	·08	-	·04	-	-	-	·04	·18	-		3
4	-	-	·02	·02	-	·11	·01	-	·04	·81	-	-		4
5	-	·18	·11	·12	-	·18	-	-	·01	·03	·08	-		5
6	·02	-	-	·03	-	·19	-	-	-	-	-	-		6
7	-	-	-	·04	-	·28	-	-	-	·17	·41	·12		7
8	-	-	·02	·11	-	·11	-	·36	-	-	·03	·13		8
9	-	-	-	·14	-	·23	-	-	-	·68	·14	·02		9
10	-	-	-	·16	-	·06	-	-	-	·11	·11	-		10
11	·48	-	-	-	-	·04	-	·02	-	·01	·12	·11		11
12	-	·09	-	-	-	·08	-	-	·02	-	-	-		12
13	·04	·05	-	·06	·15	·02	-	-	·08	·01	·01	-		13
14	-	-	-	·02	·17	·05	·03	-	·09	-	·49	·12		14
15	-	·26	-	·39	·05	·01	·12	-	·13	-	·17	·19		15
16	-	·71	·16	·04	-	·17	·05	-	·52	-	·66	-		16
17	-	·02	-	·14	-	·44	·09	·05	·09	-	·92	-		17
18	·04	-	-	·18	·01	·14	·42	·84	·23	·15	·08	-		18
19	-	-	-	·12	-	·11	·06	-	-	·15	·26	-		19
20	-	·06	-	·52	-	·05	·01	-	-	-	·45	-		20
21	-	·68	-	-	-	-	-	-	·53	-	·11	·05		21
22	-	·11	·02	-	-	-	-	-	-	-	·11	-		22
23	·21	-	·25	-	-	-	-	·78	·07	·28	·01	-		23
24	·19	·68	·08	-	-	-	-	-	1·12	-	-	·33		24
25	·09	·17	-	-	-	·03	-	-	-	-	·01	·09		25
26	·09	-	-	-	-	-	·02	·52	·33	·05	·07	·33		26
27	·02	·25	-	-	·03	-	·02	-	·38	·04	·06	·53		27
28	·02	·02	-	-	·02	-	-	·35	·07	·02	·01	·21		28
29	·01	X	·04	-	-	-	-	-	·09	·11	·06	·18		29
30	·03	✕	-	-	-	-	-	·11	·02	·31	·49	·03		30
31	-	✕	-	✕	-	✕	-	-	✕	·31	✕	·17		31
TOTAL	1·37	3·41	1·49	2·2	0·45	2·61	·84	3·03	3·82	3·89	5·23	3·08	Year's Total 31.42	
* Days with .01 in. or more.	13	14	11	17	7	21	10	8	17	19	26	17	180	
* Days with .04 in. or more.	8	12	8	13	3	18	5	7	14	15	20	15	139	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Shurtley.

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3136

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936

Kept at Ecclesfield

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Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. ~~6½~~ 0 in.

,, Ground ,, Sea Level 172 ft.

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Jan. 1, following ✕

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	-	·17	·13	·52	-	·02	·05	·17	-	-	·06	·22		1
2	-	-	·11	·06	-	·76	·01	·05	-	-	·17	·13		2
3	·02	·03	-	-	-	·14	·01	·03	·32	-	-	·05		3
4	·03	·08	·01	·02	-	·05	-	·01	·12	-	·28	·11		4
5	·11	-	·38	-	·02	·01	·01	·13	·09	-	-	·38		5
6	-	-	-	-	·01	·02	·17	·22	·46	-	·16	-		6
7	·19	-	·01	-	-	-	·36	-	·24	-	·06	·01		7
8	·23	-	·05	-	-	-	-	-	-	-	·24	-		8
9	·25	·01	·16	-	·01	·01	·39	-	-	·07	·32	-		9
10	·08	-	-	-	-	-	·55	·02	·02	-	·21	-		10
11	-	-	-	·09	-	·02	·02	-	·02	-	·55	+		11
12	-	-	-	·19	·03	·99	·39	-	·51	-	·22	·08		12
13	-	-	-	·05	-	·18	·04	-	-	-	-	·65		13
14	-	-	-	·15	-	·07	·02	-	·15	-	·06	·25		14
15	·32	·05	·01	·16	·14	·03	·01	·02	·02	-	·26	·08		15
16	·14	·05	-	·04	-	-	·03	-	-	·03	·48	-		16
17	·04	·61	-	-	·07	-	·06	-	-	·07	·01	·11		17
18	·04	·03	-	-	-	·09	·11	·01	-	·25	-	·01		18
19	·49	·11	-	·04	-	·24	-	·28	-	·11	-	-		19
20	·12	·21	·04	-	-	·25	-	-	·02	·04	-	-		20
21	·02	-	·04	·11	-	·02	-	-	-	-	-	-		21
22	·02	·47	·12	-	·03	·93	·17	-	-	-	-	-		22
23	-	-	·23	·06	·18	-	·37	-	-	·01	-	-		23
24	·21	·07	-	·03	·32	-	-	-	·22	·39	-	-		24
25	·14	-	·06	·02	-	-	·07	-	·32	·19	-	-		25
26	·01	·09	·44	-	-	-	-	-	·07	·46	-	-		26
27	·18	-	·01	-	-	-	-	-	·13	·34	-	-		27
28	·27	·72	·06	-	-	-	·21	-	-	-	·03	·08		28
29	·16	·43	·17	-	-	·36	·01	-	-	·05	·11	·14		29
30	·05	✕	-	-	·81	·03	·08	-	-	·69	·09	·03		30
31	·01	✕	·05	✕	-	✕	·02	-	✕	·01	✕	·12		31
TOTAL	3·13	3·13	2·08	1·54	1·62	4·12	3·16	·94	2·71	2·71	3·31	2·45	Year's Total 30·90	✓
* Days with .01 in. or more.	23	15	18	14	10	19	23	10	15	14	17	16	194	✓
* Days with .04 in. or more.	17	12	14	11	5	11	14	5	11	11	15	13	128	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

print (Signed) F. Thirlby Esq. C.E. [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3136

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Ecclesfield

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 172 ft.

Totals

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.11	.07	.05	–	–	–	.01	–	.05	–	.02	.23		1
2	.09	.12	.01	.23	–	–	–	–	–	–	–	1.94		2
3	–	.02	–	.12	.02	–	–	–	–	–	–	.02		3
4	.14	.03	.05	.10	.01	–	–	–	–	–	–	.38		4
5	.44	–	.09	–	–	–	–	–	–	–	–	.03		5
6	.04	–	.06	.04	.19	–	.38	–	–	–	.03	.23		6
7	–	.48	–	.14	.09	.06	–	–	–	–	.07	–		7
8	–	.43	–	.05	–	–	.01	–	–	–	.12	.11		8
9	–	.28	–	.04	.30	–	.62	.01	–	–	–	.05		9
10	.01	.09	–	.04	.01	.15	–	–	–	–	.03	.32		10
11	–	–	1.36	–	.85	–	–	–	–	–	–	.04		11
12	.13	.27	.05	–	.38	.21	–	–	.22	–	–	.13		12
13	–	.03	–	–	.04	.83	–	.04	.09	–	–	.17		13
14	–	–	.41	.04	(2) –	–	–	.07	.03	–	–	.15		14
15	.18	.23	–	.37	–	–	1.74	–	.04	–	–	.03		15
16	.02	.17	.33	.71	–	–	–	.06	.27	–	–	–		16
17	.24	.03	.24	.11	–	–	–	–	.68	–	–	–		17
18	1.31	.03	.08	.03	–	.04	.11	.05	.02	–	.74	–		18
19	–	.04	–	.01	–	.07	.08	–	–	–	.33	–		19
20	.16	.29	–	.26	.66	–	–	–	–	–	–	–		20
21	.04	.01	–	–	–	–	.14	–	–	–	–	–		21
22	.01	–	.03	–	.08	–	–	–	–	.14	.32	–		22
23	.45	–	–	–	.02	–	.13	–	–	1.33	.47	–		23
24	.33	.29	.02	–	.04	–	.01	–	–	.34	–	–		24
25	.09	.49	.14	–	–	–	–	–	–	.28	–	–		25
26	–	.23	.09	–	.41	–	–	–	.03	–	–	.04		26
27	–	.05	–	.16	–	–	–	–	–	.66	–	.03		27
28	–	.43	.09	–	–	.02	–	–	–	–	–	–		28
29	.07	×	–	–	–	–	–	–	–	.02	.03	.03		29
30	.31	×	–	–	–	.03	–	.07	–	.05	.03	.05		30
31	.42	×	–	×	–	×	–	–	×	.27	×	.04		31
TOTAL	4.59	4.11	3.10	2.45	3.10	1.41	3.23	.30	1.38	3.09	2.19	4.02	Year's Total 32.97 ✓	
* Days with .01 in. or more.	20	22	16	16	14	8	10	6	9	8	11	19	159 ✓	
* Days with .04 in. or more.	17	16	13	14	10	6	7	5	6	7	6	14	121 ✓	

† Spare column, no entries required

* See Instruction 3 (f) on other side

J. Gregory Esq Cl

(*Signed*) J. Gregory

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3136

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Ecclesfield

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground – ft. 6½ in.

,, Ground ,, Sea Level 172 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·06	03	–	–	·01	68	·35	–	–	·05	·09	·16		1
2	·03	–	–	·08	·05	·13	–	–	–	·19	·03	·12		2
3	·04	–	–	–	–	·01	·08	–	·12	1·23	·05	–		3
4	·13	–	–	–	–	·06	·08	·13	–	·17	·03	·17		4
5	–	–	–	–	–	·02	·04	·25	·01	·41	–	·04		5
6	·03	–	–	–	–	–	·36	·24	·03	·09	–	·01		6
7	·13	–	–	–	–	–	·25	·05	·32	·05	–	·06		7
8	·44	–	–	–	–	–	·16	–	–	·41	–	·02		8
9	·02	·09	–	–	–	·13	·01	·36	–	·02	–	·34		9
10	–	·02	–	–	–	–	·29	–	·01	–	–	·07		10
11	·31	–	–	–	–	–	·03	–	–	·03	·04	·05		11
12	·09	·01	–	–	·06	–	·01	·14	–	·52	·09	–		12
13	·05	·01	–	–	–	–	–	·29	·03	·21	·09	·28		13
14	·32	·07	–	–	·02	–	·28	–	·17	–	–	–		14
15	·43	–	–	–	–	–	·36	–	–	–	·01	·30		15
16	·16	–	–	–	·04	–	·31	·03	–	–	·08	·28		16
17	–	–	–	–	·25	–	·11	–	·01	·09	–	·03		17
18	·03	·02	–	–	·16	·02	–	·04	·42	·09	·22	–		18
19	–	–	–	–	–	·01	–	·13	–	·01	–	·13		19
20	·02	–	–	–	–	–	–	–	·03	–	·34	·13		20
21	–	–	·01	–	–	–	–	–	·02	–	·01	·15		21
22	–	–	–	·01	–	·31	–	·31	–	–	·28	·16		22
23	–	–	–	–	·01	·05	–	·05	·37	–	·32	–		23
24	·04	–	·11	–	–	·01	·02	·01	·11	·02	·12	–		24
25	·11	·12	·03	–	–	·04	–	·04	–	·21	·72	·09		25
26	–	·72	·04	–	–	·01	–	·01	·22	·11	·02	·02		26
27	·05	·05	–	–	·29	·26	·21	·43	·06	–	·26	–		27
28	·34	·02	–	–	·55	·18	·06	·46	·22	·06	–	·05		28
29	·05	✕	–	·06	·62	·02	·03	–	–	–	·13	·02		29
30	·11	✕	–	–	·06	·05	–	–	·33	–	·16	·05		30
31	·21	✕	–	✕	·39	✕	–	–	✕	·34	✕	·61		31
TOTAL	3·20	1·16	0·19	0·15	2·51	1·99	3·04	2·97	2·48	4·31	3·09	3·34	Year's Total 28·43	
* Days with .01 in. or more.	23	11	4	3	13	17	19	17	17	20	20	24	188	
* Days with .04 in. or more.	18	5	2	2	10	10	14	14	10	16	15	19	135	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) J. Gregory

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3136.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at ECCLESFIELD.

in the County of YORKS.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft. 6½ in.

,, Ground ,, Sea-Level 172. ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.01	--	.04	.09	--	--	.05	.08	.02	.09	--	.02		1
2	.09	--	--	.11	--	--	--	.11	1.23	.04	.09	.07		2
3	.20	--	--	.22	--	--	--	.28	--	--	.33	,26		3
4	.15	--	.18	.53	--	--	.08	.17	--	.04	.03	1.05		4
5	---	--	--	.01	.06	--	.03	.12	--	.15	.29	.14		5
6	.36	--	--	--	--	--	.45	--	--	.04	.18	--		6
7	.02	.11	.09	--	--	--	.02	--	--	.01	.24	.32		7
8	.12	.06	.17	--	--	--	.16	--	--	.05	.18	.22		8
9	.02	.11	--	--	--	--	.02	.21	--	.82	.01	.17		9
10	.71	--	.01	--	--	--	--	.01	--	.05	--	--		10
11	.05	.01	.18	--	.05	.31	--	.01	.17	--	--	--		11
12	.12	.11	--	--	--	.09	--	--	--	.01	--	.01		12
13	---	--	--	.03	.05	.21	103	--	--	.15	--	--		13
14	.62	--	.02	.11	.26	.09	.31	--	--	.28	.09	--		14
15	.08	--	--	--	.28	.26	.18	--	.01	.05	.01	--		15
16	.01	--	.26	--	1.02	.01	.09	--	--	--	.07	--		16
17	1.22	--	.01	.35	.05	.02	.05	--	--	1.02	.01	--		17
18	.13	.04	--	--	--	.21	.34	--	.01	.02	1.18	--		18
19	.09	--	--	--	--	.35	.27	.01	.11	--	--	--		19
20	.03	--	--	--	--	.24	.49	.37	.48	--	--	--		20
21	1.10	.15	.26	.02	.05	.26	.09	.03	.27	--	--	--		21
22	.13	.32	.08	--	--	--	.04	--	.04	--	.17	--		22
23	.09	.03	.05	.07	--	.11	.65	--	--	.14	.32	--		23
24	.03.	.02	.03	.03	--	.01	.23	--	--	.01	--	--		24
25	.66	.01	--	.02	--	--	--	.33	--	--	.69	--		25
26	.03	.08	--	.02	--	--	--	--	--	.07	.28	.07		26
27	.04	.09	.46	.02	--	.07	.02	--	--	.23	.16	--		27
28	.03	.15	.28	.11	--	.07	.19	.03	--	--	.16	--		28
29	---	X	.01	.08	--	--	.92	--	--	.23	.04	--		29
30	---	X	--	--	--	.02	--	--	--	--	.13	--		30
31	---	X	--	X	--	X	.04	.03	X	.04	X	--		31
TOTAL	5.24	1.29	2.13	1.82	1.82	2.33	4.15	1.79	2.34	3.45	4.66	2.33	Year's Total 33.44	
* Days with .01 in. or more.	26	14	16	16	8	16	23	14	9	21	21	10	194	
* Days with .04 in. or more.	18	10	11	9	8	12	18	8	6	17	17	8	142	

† Spare column, no entries required.

(Signed)

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** **for the entry of Daily Observations** **Station No.** 3136

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40

Kept at ECCLESFIELD

in the County of YORK WR7

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground – ft. 6½ in.

,, Ground ,, Sea Level 172 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	–	–	0.02	–	–	–	–	–	–	0.22	–		1
2	–	–	–	0.07	–	–	–	–	–	–	0.52	–		2
3	–	0.33	–	0.06	–	–	–	–	–	0.13	0.05	–		3
4	0.05	0.15	–	0.06	–	–	–	–	–	0.09	0.36	0.06		4
5	–	–	–	–	0.12	–	0.14	–	–	0.24	0.19	0.49		5
6	0.04	0.18	–	–	–	–	–	–	–	1.06	0.03	0.11		6
7	0.01	0.18	–	0.14	0.14	–	–	–	0.05	–	–	–		7
8	–	–	–	0.06	–	–	–	–	–	0.23	–	0.07		8
9	–	–	0.22	0.01	–	–	0.03	–	0.06	0.12	0.76	0.05		9
10	–	–	–	–	–	–	0.89	–	–	–	0.16	0.49		10
11	–	–	0.01	–	–	–	0.34	–	–	–	0.75	–		11
12	–	–	0.23	–	–	–	0.06	–	0.04	–	0.27	–		12
13	–	–	0.51	–	–	–	–	–	0.14	–	–	–		13
14	–	–	0.02	0.14	0.16	–	0.16	–	0.02	–	–	0.27		14
15	–	–	0.05	–	–	–	–	–	–	0.01	0.18	–		15
16	–	–	0.06	–	–	–	0.46	–	0.21	0.91	0.72	0.04		16
17	–	–	0.39	–	–	–	0.39	–	0.17	–	0.36	–		17
18	–	0.51	0.07	1.12	–	–	0.08	0.03	0.12	0.02	0.04	0.06		18
19	–	0.15	0.06	0.28	–	–	0.19	–	0.24	0.09	0.18	0.01		19
20	–	–	–	0.26	–	–	0.06	0.09	–	0.05	0.13	–		20
21	–	–	0.04	–	–	0.37	0.08	–	–	0.06	1.17	–		21
22	–	–	0.02	–	0.21	0.16	–	–	0.12	0.02	–	0.06		22
23	–	0.07	0.05	0.02	0.08	0.07	–	–	–	0.03	0.11	0.06		23
24	0.39	–	–	0.03	–	–	–	–	–	0.06	–	0.05		24
25	0.05	–	–	–	–	0.02	–	–	–	0.05	–	–		25
26	–	0.02	–	–	0.03	0.05	0.01	0.05	–	0.02	–	–		26
27	–	0.06	–	–	0.02	–	0.04	0.06	0.02	–	0.06	–		27
28	–	0.71	–	–	0.06	–	–	–	–	–	–	–		28
29	–	–	0.12	0.03	–	0.03	–	–	–	–	–	0.07		29
30	–	X	–	0.43	–	–	–	–	–	0.22	–	0.18		30
31	1.08	X	0.21	X	–	X	–	–	X	0.78	X	0.32		31
TOTAL	1.62	2.36	2.06	2.73	0.82	0.70	2.93	0.23	1.19	4.19	6.26	2.39	Year's Total 27.48	
* Days with .01 in. or more.	6	10	15	15	8	6	14	4	11	19	19	16	143	
* Days with .04 in. or more.	5	9	12	10	6	4	12	3	9	14	16	15	117	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) J. Gregory

[P.T.O.

3137

Section **A** for the entry o

AIR MINISTR

FORM 1090. **REGIS**

Kept at FIRBSY RESER

in the County of YORK (W

Diameter of Funnel of Gauge

Height of top of Gauge above Grou

,, Ground ,, Sea

THE MORNING MEAS

An observer who does not conform to

year in the space on the right of th

OPY FOR OFFICIAL USE.

ORGANIZATION.

llowing

Jan. 1, following

3137

Firsby Reservoir

1931 —— 40

780507

Date	Jan.	Feb.	March								Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		0.05	snow 0.03			0.43			0.03	0.04		0.01	1
2		0.02		0.76	0.03	0.46		0.02	0.46	0.03		0.01	2
3		0.01		0.17		0.05	0.07		0.40		0.07	0.13	3
4	0.04	snow 0.15		0.05			0.21	0.07	1.54		0.13		4
5		snow 0.01			0.13	0.88	0.22	0.98	0.07		0.01	0.19	5
6		snow 0.20	snow 0.01			0.21	0.06	0.03	0.01	0.17	0.02		6
7			snow 0.01			0.53	0.02	0.38		0.07	0.25	0.01	7
8	0.06	0.02	snow 0.05	0.01	0.01		0.10	1.37		0.01	0.20		8
9		0.10	snow 0.02	0.22	0.01	0.14	0.05	0.19	0.11				9
10		0.12	snow 0.03		0.06	0.02		0.18			0.07		10
11	0.03	0.26				0.02	0.03		0.18		0.01		11
12		0.07					0.78		0.10	0.11	0.06		12
13	0.05					0.03	0.07		0.01		0.01		13
14	0.01	0.05				1.47	0.40	0.92			0.65		14
15		0.03		0.12	0.03		0.19	0.05			0.06	0.06	15
16	0.06	snow 0.13		0.05	0.15	0.59		0.10	0.25		0.01		16
17	0.03	0.23		0.44	0.07	0.27	0.09	0.16	0.03	0.01			17
18	0.02	0.02		0.32		0.09	0.26	0.05		0.03	0.62		18
19	0.04			0.20		0.07	0.28	0.10			0.01		19
20	0.06	0.07	0.01	0.06			0.02	0.27		0.02	0.01		20
21	0.01	0.02			0.19			0.03			0.22	0.02	21
22				0.02	0.24								22
23	0.29			0.06	0.26	0.21	0.12		0.02		0.17		23
24	0.05	0.01		0.21	0.61		0.05		0.03	0.02		0.02	24
25	0.04			0.69			0.37				0.01		25
26	0.11			0.11	0.05		0.04				0.19	0.01	26
27	0.10	snow 0.21		0.03	0.01		0.01			0.04	0.14	0.03	27
28	0.23	0.26		0.17	0.18					0.08	0.01	snow 0.07	28
29	0.38				0.07		0.12		0.01	0.21	0.02	snow 0.05	29
30	0.05	×		0.04	0.17		0.02		0.03				30
31	0.18	×		×		×			×	0.04	×		31
TOTAL	1.84	2.04	0.16	3.73	2.27	5.47	3.58	4.90	3.28	0.88	2.95	0.61	YEAR'S TOTAL 31.71
*Days with ·01 in. or more.	20	21	7	19	17	16	23	16	16	14	23	12	204
*Days with ·04 in. or more.	15	13	1	16	12	13	18	13	8	8	13	5	135

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) F. Oscar Kirby

P.T.O.

3137

Section | **A** | for the entry o … OPY FOR OFFICIAL USE.
AIR MINISTR … RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at FIRSBY RESERVOIR.

in the County of YORK (WEST RIDING).

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1.22 ft - in.

,, Ground ,, Sea Level 189 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		0.05	snow 0.03			0.43			0.03	0.04		0.01	1
2		0.02		0.76	0.03	0.46		0.02	0.46	0.03		0.01	2
3		0.01		0.17		0.05	0.07		0.40		0.07	0.13	3
4	0.04	snow 0.15		0.05			0.21	0.07	1.54		0.13		4
5		snow 0.01			0.13	0.88	0.22	0.98	0.07		0.01	0.19	5
6		snow 0.20	snow 0.01			0.21	0.06	0.03	0.01	0.17	0.02		6
7			snow 0.01			0.53	0.02	0.38		0.07	0.25	0.01	7
8	0.06	0.02	snow 0.05	0.01	0.01		0.10	1.37		0.01	0.20		8
9		0.10	snow 0.02	0.22	0.01	0.14	0.05	0.19	0.11				9
10		0.12	snow 0.03		0.06	0.02		0.18			0.07		10
11	0.03	0.26				0.02	0.03		0.18		0.01		11
12		0.07					0.78		0.10	0.11	0.06		12
13	0.05					0.03	0.07		0.01		0.01		13
14	0.01	0.05				1.47	0.40	0.92			0.65		14
15		0.03		0.12	0.03		0.19	0.05			0.06	0.06	15
16	0.06	snow 0.13		0.05	0.15	0.59		0.10	0.25		0.01		16
17	0.03	0.23		0.44	0.07	0.27	0.09	0.16	0.03	0.01			17
18	0.02	0.02		0.32		0.09	0.26	0.05		0.03	0.62		18
19	0.04			0.20		0.07	0.28	0.10			0.01		19
20	0.06	0.07	0.01	0.06			0.02	0.27		0.02	0.01		20
21	0.01	0.02			0.19			0.03			0.22	0.02	21
22				0.02	0.24								22
23	0.29			0.06	0.26	0.21	0.12		0.02		0.17		23
24	0.05	0.01		0.21	0.61		0.05		0.03	0.02		0.02	24
25	0.04			0.69			0.37				0.01		25
26	0.11			0.11	0.05		0.04				0.19	0.01	26
27	0.10	snow 0.21		0.03	0.01		0.01			0.04	0.14	0.03	27
28	0.23	0.26		0.17	0.18					0.08	0.01	snow 0.07	28
29	0.38				0.07		0.12		0.01	0.21	0.02	snow 0.05	29
30	0.05	×		0.04	0.17		0.02		0.03				30
31	0.18	×		×		×			×	0.04	×		31
TOTAL	1.84	2.04	0.16	3.73	2.27	5.47	3.58	4.90	3.28	0.88	2.95	0.61	YEAR'S TOTAL 31.71
*Days with ·01 in. or more.	20	21	7	19	17	16	23	16	16	14	23	12	204
*Days with ·04 in. or more.	15	13	1	16	12	13	18	13	8	8	13	5	135

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*See Instruction 2 (*f*) on other side.

(*Signed*) F Oscar Kirby

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3137

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Firsby Reservoir

in the County of York (West Riding)

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1.22 ft. – in.

" Ground " Sea Level 189 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.03	0.04	–	0.05	0.45	0.03	0.04	0.07	0.18	0.38	–	–	1
2	–	–	–	–	0.42	0.02	–	0.04	0.09	0.05	0.01	0.08	2
3	0.03	–	–	0.35	0.08	–	0.15	–	–	0.05	–	0.04	3
4	–	0.01	–	0.18	0.04	–	–	–	–	–	0.13	–	4
5	0.04	0.01	0.06	–	0.01	0.04	–	0.02	0.04	–	–	–	5
6	0.45	–	0.07	0.06	0.02	0.01	0.05	–	0.04	–	–	–	6
7	–	–	0.07	0.13	0.01	–	0.10	–	0.15	0.08	0.02	–	7
8	–	0.01	–	0.04	–	–	–	–	0.15	0.20	0.02	0.02	8
9	0.02	snow 0.14	–	0.06	–	–	–	–	–	–	–	0.03	9
10	0.07	snow 0.10	0.01	0.02	–	–	0.03	–	–	0.28	–	0.18	10
11	–	snow 0.03	0.02	0.11	0.07	0.50	0.38	–	0.05	0.01	0.04	–	11
12	0.06	snow 0.02	0.02	0.01	0.03	–	–	0.01	–	0.22	0.10	–	12
13	0.06	0.03	–	0.04	0.05	–	0.44	–	0.02	0.18	0.04	0.02	13
14	0.03	0.02	–	0.09	–	–	0.17	–	–	0.02	0.16	–	14
15	–	–	–	0.07	0.07	–	–	–	–	0.05	0.04	0.05	15
16	0.09	–	–	0.25	0.11	–	0.11	0.02	–	0.01	0.02	–	16
17	–	–	–	–	0.01	–	0.03	–	–	0.10	0.03	–	17
18	–	–	–	0.01	0.02	–	–	–	–	–	–	–	18
19	–	0.01	–	–	–	–	–	–	0.04	0.07	–	–	19
20	–	–	–	0.12	0.20	–	0.04	0.48	–	0.19	0.05	–	20
21	–	–	0.14	0.07	–	–	0.02	0.75	–	0.50	0.01	0.06	21
22	–	–	0.41	0.02	2.25	–	0.13	–	0.20	0.03	0.16	0.01	22
23	0.03	–	–	0.03	0.63	–	0.04	–	0.06	0.13	0.14	0.02	23
24	–	0.01	–	0.04	0.48	–	0.23	–	0.03	0.04	0.10	–	24
25	–	0.04	–	0.03	0.04	–	–	–	0.05	0.36	–	0.02	25
26	–	0.04	0.01	0.20	–	0.01	0.08	–	–	0.10	0.16	–	26
27	–	–	0.30	0.14	0.34	0.02	0.02	–	–	0.16	0.16	–	27
28	–	0.01	0.08	0.14	0.68	–	0.27	0.59	–	–	0.02	–	28
29	0.02	–	0.12	0.07	0.24	–	0.06	0.03	0.17	0.34	–	0.12	29
30	–	×	0.08	0.16	0.02	0.30	0.02	0.07	0.02	0.03	0.11	0.25	30
31	–	×	0.11	×	–	×	0.25	–	×	0.01	×	0.08	31
TOTAL	0.93	0.52	1.50	2.49	6.27	0.93	2.66	2.08	1.29	3.59	1.52	0.98	YEAR'S TOTAL 24.76
*Days with ·01 in. or more.	12	15	14	26	23	8	21	10	15	25	20	14	203
*Days with ·04 in. or more.	6	5	10	20	16	3	16	6	12	19	13	8	134

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*See Instruction 2 (*f*) on other side.

(*Signed*) Oscar Kirby

Borough Surveyor & Water Engineer

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3137

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Fixby Reservoir

in the County of York (West Riding)

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1·22 ft in.

,, Ground ,, Sea Level 189 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0·19	0·08	0·14							0·01	0·12			1
2	0·10		0·31		0·01						0·08			2
3	0·03	0·07	0·10		0·30						0·09			3
4	0·05	0·01	0·04											4
5	0·07	0·01	0·08		0·26									5
6		0·09	0·12		0·71						0·01	0·07		6
7		0·11	0·01		0·28		0·29			0·40		0·03		7
8	0·01		0·35		0·02		0·35				0·05	0·04		8
9		0·13					0·35			0·69		0·02		9
10		0·21				0·11	0·07			2·22	0·06			10
11					0·04	0·01	0·25			0·15				11
12	0·03					0·12	0·06					0·02		12
13	0·03				0·38		0·11	0·01	0·12	0·02	0·06			13
14										0·05	0·20	0·02		14
15	0·85					0·05		0·04		0·10	1·13	0·07		15
16	0·39		0·39		0·05	0·05	0·28			0·04	0·09			16
17	0·20		0·86		0·02	0·04		0·05			0·16			17
18	0·01	0·10	0·08			0·09	0·01		0·02		0·13	0·01		18
19			0·40	0·02		0·02			0·01		0·02	0·02		19
20		0·01			0·01			0·06	0·01		0·04			20
21					0·03	0·30		0·08	0·01	0·02	0·04			21
22					0·06	0·12		0·17		0·54	0·02	0·01		22
23	0·02	0·03		0·08		0·20			0·40	0·02				23
24		0·30		0·14	0·11	0·28			0·60	0·01	0·05	0·03		24
25		1·04		0·31	0·23	0·04			0·25		0·03	0·04		25
26		1·10		0·02						0·10		0·02		26
27		0·08			0·05				0·10	0·13				27
28		0·02			0·10		0·06		0·03	0·22				28
29				0·23						0·22				29
30	0·13	×	0·03	0·25			0·02		0·01	0·01		0·05		30
31	0·04	×	0·03	×		×		0·03	×	0·03	×			31
TOTAL	2·15	3·39	2·94	1·05	2·66	1·43	1·85	0·44	1·56	4·98	2·38	0·45	Year's Total	25·28
*Days with ·01 in. or more.	15	16	14	7	17	13	11	7	11	19	18	14		162
*Days with ·04 in. or more.	9	11	11	5	12	11	9	5	5	12	14	5		109

† Spare column, no entries required.

(*Signed*) T. Oscar Kirby [P.T.O.

Borough Surveyor & Water Engineer

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*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3137

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Swinsty Reservoir

in the County of York (West Riding)

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1·22 ft ~~in.~~

,, Ground ,, Sea Level 189 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1								0·08		0·08		0·06		1
2		0·02	0·01	0·01				0·07	0·16		0·06	0·25		2
3	0·05	0·02								0·05	0·05	0·01		3
4	0·06		0·06	0·45					0·09	0·17		0·60		4
5			0·09	0·02	0·08			0·12		0·02	0·10	0·03		5
6			0·04		0·18	0·06		0·17		0·08		0·63		6
7	0·06	0·03	0·06			0·06				0·05		0·15		7
8			0·01		0·09	0·36		0·04			0·42	0·02		8
9			0·08	0·05						0·02	1·00	0·11		9
10			0·63	0·23				0·01			0·06	0·02		10
11	0·43		0·25	0·37				0·01				0·16		11
12			0·39	0·13			0·08	0·05				0·19		12
13	0·42		0·03	0·04			0·38	0·08				0·04		13
14	0·05		0·31		0·02	0·26				0·11	0·14	0·20		14
15	0·12		0·08		0·17			0·03	0·18	0·05	0·27	0·03		15
16	0·10		0·06		0·35		0·01			0·01	0·07	0·04		16
17	0·10		0·04				0·12		0·11	0·08	0·03	0·07		17
18	0·05	0·01	0·14	0·28		0·02	0·07		0·01			0·02		18
19			0·14	0·03	0·04	0·05			0·10	0·09				19
20			0·06		0·02	0·08			0·03					20
21	0·01					0·24			0·02	0·03				21
22								0·13	0·25	0·01		0·02		22
23				0·03			0·37			0·02	0·10	0·09		23
24		0·08	0·13	0·10		0·14	0·04		0·04	0·06		0·02		24
25	0·02			0·08	0·01	0·01			0·04	0·15		0·40		25
26	0·04			0·16		0·01			0·04		0·01	0·04		26
27	0·01	0·74		0·46		0·04	0·02		0·05	0·02	0·01	0·17		27
28				0·14		0·19		0·16		0·12		0·20		28
29			0·04					0·04	0·42	0·01		0·05		29
30	0·05	×					0·08		0·01	0·20		0·03		30
31	0·02	×		×		×		0·02	×	0·06	×			31
													Year's Total.	
TOTAL	1·59	0·90	2·65	2·58	0·96	1·52	1·17	1·01	1·55	1·49	2·32	3·65	21·39	✓
* Days with .01 in. or more.	16	6	20	16	9	13	9	14	15	22	13	27	180	
* Days with .04 in. or more.	12	2	17	12	6	10	7	10	11	14	10	18	129	

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† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) F. O. Kirby
Borough Surveyor & Water Engineer

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3137

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Firsby Reservoir.

in the County of York (West Riding)

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1.22 ft.

,, Ground ,, Sea Level 189 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.28		0.60	0.05		0.01	0.01		0.98	0.03	0.18	0.14		1
2		0.02	0.12			0.68				0.43	0.01	0.09		2
3		0.08	0.29			0.11				0.04	0.17			3
4		0.01		0.08		0.08			0.01	0.92	0.05			4
5	0.01	0.25	0.11	0.03		2.17				0.02	0.10			5
6	0.07			0.05		0.06					0.01			6
7	0.01	0.01		0.11		0.43				0.12	0.47	0.12		7
8	0.02		0.05	0.09		0.05		0.36		0.06		0.13		8
9				0.05		0.07				0.55	0.16	0.02		9
10				0.07		0.06		0.01		0.09	0.11			10
11	0.34							0.01			0.10	0.15		11
12		0.06				0.07						0.01		12
13	0.07	0.03		0.12	0.13	0.01					0.01			13
14		0.03		0.07	0.18	0.05	0.04		0.16		0.69	0.15		14
15		0.01		0.35	0.04				0.22		0.15	0.08		15
16		0.36	0.15	0.04		0.05	0.13		0.26		0.69			16
17				0.08		0.31		0.31	0.06		0.88			17
18	0.04			0.18	0.06	0.23	0.62	0.12	0.10	0.10	0.14			18
19	0.02			0.03		0.14	0.03			0.08	0.28	0.01		19
20		0.01		0.31		0.07	0.01				0.48			20
21		0.47		0.10					0.33		0.20	0.02		21
22		0.30							0.06		0.14			22
23		0.05	0.07	0.06				0.49		0.12				23
24	0.04	0.80	0.06	0.01					1.04	0.01		0.32		24
25	0.13	0.16										0.02		25
26	0.35	0.01					0.02	0.55	0.38	0.01	0.02	0.27		26
27	0.02	0.18			0.04				0.21		0.04	0.67		27
28	0.04	0.02							0.05	0.08		0.36		28
29	0.03		0.06						0.05	0.07	0.06	0.15		29
30	0.08	✕		0.06				0.04	0.04	0.15	0.30	0.05		30
31		✕		✕		✕		0.13	✕	0.37	✕	0.15		31
TOTAL	1.55	2.86	1.51	1.94	0.45	4.65	0.86	2.02	3.95	3.25	5.44	2.91	Year's Total 31.39	
* Days with .01 in. or more.	16	19	9	20	5	18	7	9	15	18	24	19	179	
* Days with .04 in. or more.	10	10	9	17	5	16	3	7	14	14	20	14	139	

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) J. Oscar Kirby [P.T.O.

Borough Surveyor & Water Engineer.

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Section **A** for the entry of Daily Observations.

Station No. 3137

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Firsby Reservoir.
in the County of York (West Riding)
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1.22 ft. xx
" " Ground " Sea Level 189 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.02	0.15	0.11	0.47			0.02	0.10	0.01		0.02	0.15		1
2	0.01	0.05	0.11	0.01		0.79	0.04	0.10			0.21	0.14		2
3	0.05	0.05				0.06		0.05	0.16			0.04		3
4		0.05	0.07		0.01	0.10		0,02	0.09		0.16	0.08		4
5	0.11	0.02	0.21		0.02			0.09	0.07		0.02	0.09		5
6					0.02	0.07	0.14	0.30	0.32		0.11			6
7	0.23		0.02				0.48		0.12	0.08	0.01			7
8	0.10		0.06				0.01			0.01	0.13	0.02		8
9	0.16	0.01	0.04		0.03	0.03	1.11			0.08	0.30			9
10			0.01	0.01			1.37	0.74	0.04	0.07	0.08			10
11			0.01	0.14		0.03	0.05	0.01			0.47			11
12				0.13	0.04	0.76	0.40		0.43		0.10	0.09		12
13				0.09		0.28	0.04		0.18	0.07		0.22		13
14				0.15		0.08	0.01		0.20	0.01	0.04	0.05		14
15	0.25	0.05		0.13		0.01	0.02	0.12	0.07	~~0.12~~	0.15	0.01		15
16	0.20	0.06		0.12			0.02			~~0.23~~	0.42			16
17		0.50			0.10		0.25			0.12	0.02	0.05		17
18		0.07					0.08	0.02		0.23	0.05			18
19	0.53	0.07		0.05		0.22	0.02	0.36		0.04	0.01			19
20	0.11	0.23		0.02		0.90	0.01		0.03	0.02				20
21	0.01		0.05	0.10		0.05								21
22	0.01	0.52	0.09		0.03	0.76	0.01					0.01		22
23			0.07	0.05	0.10		0.54							23
24	0.20	0.09		0.01	0.40				0.12	0.25	0.02			24
25	0.16		0.03	0.03			0.06		0.21	0.07	0.01			25
26		0.06	0.58						0.09	0.11	0.08			26
27	0.15		0.05						0.15	0.21				27
28	0.28	0.67	0.02				0.10				0.02	0.03		28
29	0.38	0.45	0.16			0.30	0.02			0.03	0.43	0.29		29
30	0.07	✕			0.35	0.06	0.22			0.88	0.05			30
31	0.09	✕		✕		✕	0.01		✕	0.08	✕			31
TOTAL	3.12	3.10	1,69	1.51	1.10	4.50	5.03	1.91	2.29	2.36	2.91	1.27	Year's Total 30.79	✓
* Days with .01 in. or more.	20	17	17	15	10	16	24	11	16	17	23	14	200	✓
* Days with .04 in. or more.	16	15	12	11	5	13	14	8	14	13	15	10	146	✓

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) F. O. Kirby [P.T.O.
Borough Surveyor & Water Engineer.

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Section **A** for the entry of Daily Observations

Station No. 3137

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937.

Kept at Firsby Reservoir.

in the County of York (West Riding).

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground ~~1.22~~ 1' ft. 4" ~~in.~~

" Ground " Sea Level 189 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	0.15	0.09	0.03				0.02		0.08		0.06	0.13		1
2	0.01	0.04	0.02	0.32								1.83		2
3		0.03	0.01	0.11		0.05	0.06					0.10		3
4	0.05	0.01	0.05	0.19								0.26		4
5	0.10		0.07									0.12		5
6	0.01		0.12	0.02	0.13		0.07				0.05	0.21		6
7		0.49	0.05	0.19	0.17						0.05	0.09		7
8		0.48	0.02	0.05	0.01						0.15	0.06		8
9		0.13		0.03	0.25		0.49	0.02				0.10		9
10		0.02		0.11	0.06	0.08				0.01	0.02	0.15		10
11			1.00		1.12			0.05				0.06		11
12	0.06	0.34	0.05	0.01	0.35	0.31			0.19			0.11		12
13		0.03		0.01	0.12	1.12			0.04			0.20		13
14			0.56	0.01		0.01		0.04	0.01			0.13		14
15	0.08	0.17		0.36			1.70					0.03		15
16	0.13	0.04	0.28	0.60		0.03		0.07	0.08			0.04		16
17	0.21		0.22	0.42					1.10					17
18	1.10	0.06	0.11			0.07					0.47			18
19		0.01		0.07		0.31	0.22				0.47			19
20	0.17	0.08		0.26	0.70									20
21	0.04	0.02	0.05		0.01		0.17		0.01	0.06		0.02		21
22			0.01		0.04		0.01			0.17	0.12			22
23	0.41		0.02		0.06		0.10			1.32	0.40			23
24	0.14	0.25	0.01			0.03	0.01		0.09	0.21				24
25	0.08	0.37	0.10							0.40		0.04		25
26		0.17	0.09		0.42							0.03		26
27		0.18	0.03	0.14						0.84		0.02		27
28	0.02	0.40	0.04									0.01		28
29	0.06		0.02							0.02	0.01	0.04		29
30	0.46	×				0.04		0.03		0.03	0.06	0.08		30
31	0.33	×		×		×			×	0.27	×	0.06		31
TOTAL	3.61	3.41	2.96	2.90	3.44	2.05	2.85	0.21	1.60	3.33	1.86	3.92	Year's Total 32.14	✓
* Days with .01 in. or more.	19	21	23	17	13	10	10	5	8	10	11	24	171	✓
* Days with .04 in. or more.	16	15	14	12	11	7	7	3	6	7	9	19	126	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Oscar Kirby

Water Engineer,
Doncaster.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations — Station No. 3137

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938.

Kept at Firsby Reservoir.

in the County of York (West Riding)

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1.22 ft. ~~in.~~

,, Ground ,, Sea Level 189 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.04	0.01				0.49	0.01	0.02			0.04	0.12		1
2	0.04			0.04	0.09	0.02				0.12	0.05	0.07		2
3	0.06					0.07	0.06		0.29	0.50	0.01	0.02		3
4	0.02		0.01			0.06	0.04			0.10	0.02	0.10		4
5							0.03	0.51	0.02	0.36		0.01		5
6	0.06	0.03					0.15	0.01	0.02	0.04				6
7	0.09	0.01					0.38	0.08	0.38	0.06		0.02		7
8	0.37						0.15	0.01		0.21		0.14		8
9	0.05	0.06				0.12	0.06	0.60	0.03	0.03		0.33		9
10		0.05				0.03	0.36		0.02		0.01	0.03		10
11	0.23								0.01	0.01	0.03	0.07		11
12	0.11	0.04			0.04		0.02	0.38		0.26	0.02			12
13		0.08						0.30		0.07	0.09	0.38		13
14	0.12	0.09			0.05		0.35		0.27			0.02		14
15	0.13						0.48	0.02				0.37		15
16	0.10						0.50	0.04		0.02	0.06	0.42		16
17		0.02			0.38		0.12	0.05	0.07	0.03		0.03		17
18	0.05	0.01			0.30	0.10			0.09	0.07	0.20	0.01		18
19		0.01			0.01			0.08				0.14		19
20									0.01		0.40	0.22		20
21			0.02						0.04		0.03	0.16		21
22				0.03		0.48					0.23	0.20		22
23					0.01	0.06			0.25		0.15			23
24			0.07				0.04	0.08	0.43	0.02	0.06	0.01		24
25	0.06	0.08	0.10					0.04		0.25	0.72	0.03		25
26	0.01	0.63	0.11						0.21	0.07		0.04		26
27					0.08	0.23	0.14	0.26	0.08	0.01	0.10			27
28	0.14				0.70	0.10	0.06	0.86	0.10	0.05		0.02		28
29	0.05			0.07	0.54	0.02	0.03		0.03	0.02	0.06	0.06		29
30	0.02	✕			0.16	0.20			0.14		0.12	0.06		30
31	0.12	✕		✕	0.23	✕		0.01	✕	0.17	✕	0.62		31
TOTAL	1.87	1.12	0.31	0.14	2.59	1.98	2.98	3.35	2.49	2.47	2.40	3.70	Year's Total 25.40	
* Days with .01 in. or more.	20	13	5	3	12	13	18	17	19	21	19	27	187	
* Days with .04 in. or more.	17	7	3	2	10	10	14	12	12	14	13	17	131	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) D. Kirby

Borough Surveyor & Water Engineer.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations — Station No. 3137

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

Kept at Firsby Reservoir

in the County of York (West Riding)

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1.22 ft. ... in.

" Ground " Sea Level 189 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.01		0.01	0.10			0.16	0.13	0.06	0.01				1
2	0.07			0.10			0.01	0.21	4.05	0.06	0.04	0.03		2
3	0.12			0.06				0.25		0.02	0.19	0.16		3
4	0.40		0.21	0.61			0.05	0.30		0.06	0.12	1.26		4
5					0.05		0.13	0.31		0.19	0.22	0.36		5
6	0.30						0.37			0.04	0.12			6
7	0.15	0.07	0.01					0.01			0.34	0.14		7
8	0.01	0.02	0.10				0.12				0.01	0.34		8
9	0.03	0.03						0.09		0.88	0.02	0.16		9
10	0.73		0.02					0.02	0.03	0.05				10
11	0.08		0.26		0.03	0.38		0.02	0.04					11
12	0.01	0.10			0.03	0.09						0.02		12
13	0.02			0.04	0.04	0.06			0.06	0.04				13
14	0.52		0.03	0.14	0.20	0.16	0.63			0.46	0.04	0.02		14
15	0.07				0.28	0.25	0.08		0.03					15
16			0.28		0.83	0.03	0.91				0.11			16
17	0.65		0.01	0.29	0.11		0.21			0.76				17
18	0.35	0.03	0.07			0.18	0.26		0.01		1.12			18
19	0.22		0.01			0.32	0.24	0.02	0.06			0.02		19
20	0.01					0.20		0.25	0.19					20
21	0.14	0.13	0.16	0.04	0.06	0.14	0.12	0.20	0.17					21
22	0.10	0.31	0.07				0.08		0.05	0.01	0.08			22
23	0.14			0.03		0.05	0.06	0.01		0.06	0.43			23
24	0.03	0.01	0.30	0.02		0.08	0.20			0.01	~~[illegible]~~			24
25	0.57		0.03	0.01		0.05	0.04	0.37			0.22	0.06		25
26	0.21	0.04						0.03		0.03	0.06	0.10		26
27	0.07		0.44	0.06		0.08	0.03			0.40	0.12			27
28	0.03	0.13	0.35	0.11		0.05	0.15				0.19			28
29			0.06	0.10			0.48			0.28				29
30		✕					0.02				0.14			30
31		✕		✕		✕	0.03		✕	0.07	✕			31
													Year's Total	
TOTAL	5.04	0.87	2.42	1.71	1.63	2.12	4.38	2.22	4.75	3.43	3.57	2.67	34.81	
* Days with .01 in. or more.	26	10	18	14	9	15	22	15	11	18	18	12	188	
* Days with .04 in. or more.	18	6	11	11	7	14	18	9	8	13	16	8	139	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) J. O. Kirby

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3137

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~ 40

Kept at Firsby Reservoir

in the County of York (West Riding)

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1.2 ft. in.

,, Ground ,, Sea Level 189 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1		0.10									0.23			1
2		0.02		0.19							0.20			2
3		0.25		0.10						0.25	0.06	0.09		3
4		0.25		0.09			0.01			0.14	0.56	0.07		4
5		0.01			0.16		0.43			0.13	0.25	0.18		5
6	0.13	0.17								1.00	0.09	0.06		6
7		0.25		0.12	0.07		0.11		0.04			0.05		7
8	0.02			0.07						0.07		0.15		8
9			0.28	0.02				0.01	0.04	0.07	0.68			9
10			0.04				0.80				0.07	0.11		10
11		0.06					0.57				0.36			11
12		0.07	0.20				0.02		0.09		0.13			12
13		0.04	0.37						0.04					13
14				0.03	0.17		0.86					0.28		14
15			0.03		0.15	0.05			0.07		0.17			15
16	0.23	0.16	0.07			0.02	0.49		0.07	1.12	0.60	0.06		16
17		0.04	0.37				0.64		0.15	0.08	0.62			17
18	0.06	0.16	0.04	0.82			0.19	0.24			0.04	0.14		18
19		0.14	0.01	0.26			0.19		0.22	0.11	0.10	0.04		19
20		0.12		0.19		0.04	0.05	0.09		0.02	0.05			20
21	0.10	0.01	0.06			0.20	0.06			0.11	1.12			21
22			0.02		0.05	0.35			0.11	0.05		0.05		22
23		0.11	0.04		0.05	0.13				0.08	0.12	0.05		23
24	0.05						0.05			0.13		0.04		24
25	0.15									0.10				25
26	0.65	0.02			0.06	0.01	0.01	0.03		0.04				26
27	0.31	0.09					0.08	0.04		0.02	0.02			27
28	0.37	0.52		0.02	0.03									28
29			0.10	0.02		0.01						0.33		29
30	0.22	✕		0.20						0.15		0.37		30
31	0.08	✕	0·11	✕		✕			✕	1.06	✕	0.30		31
TOTAL	2.37	2.59	1.74	2.13	0.74	0.81	4.56	0.41	0.83	4.73	5.47	2.37	Year's Total 28.75	
* Days with .01 in. or more.	12	20	14	13	8	8	16	5	9	19	19	17	160	
* Days with .04 in. or more.	11	16	11	9	7	5	13	3	9	17	18	17	136	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) J. Oscar Kirby

P.T.O.

3138

FORM 1090. **B** Me
Su

3138
MIDDLE MOSS
1931 — 40

7P0507

** The following register of month
&c., is NOT required if daily
values are given on the other s

and also the space for

gister should be sent:—
al Manager & Engineer
ffield

RAINFALL IN 1931

At Middle Moss- (Ewd
In the County of Yorkshi

...in Summer 9 am

Direction from gauge
Direction from gauge

Rain Gauge
Diameter of Funnel As Before
Height of Top above Ground
Height of Ground above Sea Level

Month.	Total Depth.	Greatest Fall in 24 hours.		N D ·o or	
	Inches.	Inches.	Date.		
JAN.	6.62 ✓				
FEB.	6.65 ✓				
MAR.	·36 ✓				
APRIL	5.32 ✓				
MAY	3.36 ✓				
JUNE	5.62 ✓				
JULY	5.61 ✓				
AUG.	8.73 ✓				
SEPT.	6.19 ✓				
OCT.	2.12 ✓				
NOV.	7.56 ✓				
DEC.	2.60 ✓				
Total	60.74 ✓				

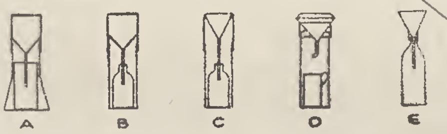
Directions from gauge ..

If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting these sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Signature John N Swales

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.* *9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace"* *The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** M
Su

3138

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931

At Middle Moss - (Ewden)

In the County of Yorkshire.

Rain Gauge { Diameter of Funnel As Before in.
Height of Top above Ground in.
Height of Ground above Sea Level ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6·62	✓			
FEB.	6·65	✓			
MAR.	·36	✓			
APRIL	5·32	✓			
MAY	3·36	✓			
JUNE	5·62	✓			
JULY	5·61	✓			
AUG.	8·73	✓			
SEPT.	6·19	✓			
OCT.	2·12	✓			
NOV.	7·56	✓			
DEC.	2·60	✓			
Total	60·74	✓			

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K. Swales. M. Inst. C.E. - General Manager & Engineer
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

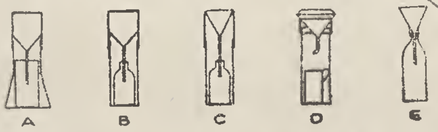
As Before

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Ewden 3138

FORM 1090.

B **Monthly Summary.**

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932

At Middle Moss-Ewden

In the County of Yorkshire

Rain Gauge

Diameter of Funnel..................in.

Height of Top above Ground..........*ft*..........*in.*

Height of Ground above Sea Level..........*ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	6·28				
FEB.	·75				
MAR.	3·71				
APRIL	5·67				
MAY	6·72				
JUNE	·84				
JULY	5·71				
AUG.	2·65				
SEPT.	4·15				
OCT.	7·61				
NOV.	4·75				
DEC.	2·39				
Total	51·18 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C **Particulars of Station.**

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales Esq. M. Inst. C.E. Engineer & Manager
Water Dept. Town Hall, Sheffield

Hour of observation by the clock—in Winter..................in Summer..................

Nearest Railway Station.................. Distance.................. Direction from gauge..................

Nearest Parish Church at.................. Distance.................. Direction from gauge..................

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738.16000 8/32. Gp. 119/110

Ewden

3138

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Middle Moss

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *ft.* .... *in.*
- *Height of Ground above Sea Level* .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·47				
FEB.	8·01				
MAR.	3·64				
APRIL	1·73				
MAY	2·41				
JUNE	2·61				
JULY	3·61				
AUG.	·80				
SEPT.	2·63				
OCT.	6·09				
NOV.	3·01				
DEC.	·64				
Total	39·65 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales. M. Inst C.E. Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

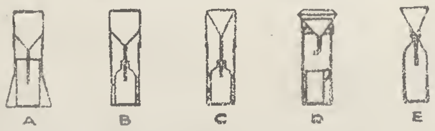
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

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(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

D

Ewden.

FORM 1090.

B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1934

At Middle Moss, Ewden

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *in.*
- *Height of Ground above Sea Level* .... *ft.*

as Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·37				
FEB.	·26				
MAR.	4·61				
APRIL	3·25				
MAY	2·70				
JUNE	1·73				
JULY	2·81				
AUG.	2·57				
SEPT.	4·04				
OCT.	5·07				
NOV.	3·70				
DEC.	7·81				
Total	42·92				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station. No 7.

3138

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J K Swales Esq M. Inst CE. Engineer & Manager
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

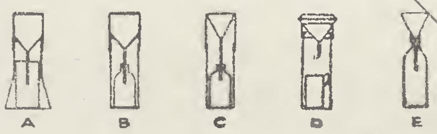
as Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

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(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\ \cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

Ewden ×

3138

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Middle Moss

In the County of Yorkshire

Rain Gauge:
Diameter of Funnel..............in.
Height of Top above Ground......ft.......in.
Height of Ground above Sea Level..........ft.

As Before

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·42				
FEB.	8·58				
MAR.	2·75				
APRIL	3·91				
MAY	·34				
JUNE	3·84				
JULY	1·92				
AUG.	2·18				
SEPT.	6·53				
OCT.	10·92				
NOV.	8·96				
DEC.	5·26				
TOTAL	58·61 ✓				

Signature John K Swales

*See Instruction 2 *(f)* below.

C Particulars of Station, No 7.

✓

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
J. K. Swales Esq. M. Inst. C.E. Manager & Engineer
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.............................. Distance.............. Direction from gauge............

Nearest Parish Church at.............................. Distance.............. Direction from gauge............

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

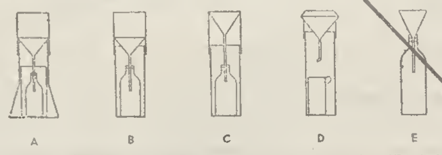
As Before

If gauge has been moved during the year state –

Date of move.............................. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

EWDEN VALLEY.

3138

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936

At Middle Moss.

In the County of Yorkshire.

Rain Gauge
Diameter of Funnel..........in.
Height of Top above Ground As before. *ft.* ....*in.*
Height of Ground above Sea Level..........*ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5.59				
FEB.	5.48				
MAR.	4.54				
APRIL	2.19				
MAY	2.02				
JUNE	4.92				
JULY	4.78				
AUG.	2.12				
SEPT.	6.94				
OCT.	5.39				
NOV.	6.51				
DEC.	5.16				
TOTAL	55.64				

Signature John K Swales

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K. Swales, Esq., M.Inst.C.E., General
Manager & Engineer, Waterworks Office, Town Hall,
Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

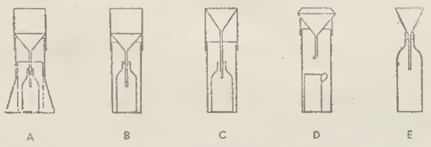
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...		As before.		

If gauge has been moved during the year state –

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January* 1st *is the rainfall for the* 24 *hours following* 9 *a.m. on January* 1st; *it is therefore the amount measured on January* 2nd. 9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3138

Form 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Ewden (Middle Moss)

In the County of Yorks

Rain Gauge { Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1600 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·64				
FEB.	8·41				
MAR.	5·32				
APRIL	3·37				
MAY	3·64				
JUNE	1·81				
JULY	3·53				
AUG.	1·15				
SEPT.	2·06				
OCT.	4·15				
NOV.	2·85				
DEC.	5·07				
TOTAL	49·00				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C.E.
General Manager and Engineer
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

Nature of objects nearest to gauge		As before		
Height of objects				
Distances ...				
Directions from gauge ...				

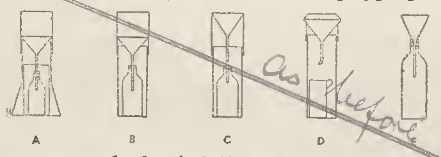
If gauge has been moved during the year state—

Turf Wall from March 1937

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



As before

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3138

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Emley, Middle Moss

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1600 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·24				
FEB.	3·09				
MAR.	1·70				
APRIL	·45				
MAY	3·91				
JUNE	4·35				
JULY	6·43				
AUG.	3·75				
SEPT.	3·80				
OCT.	11·14				
NOV.	6·82				
DEC.	5·64				
TOTAL	58·32				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K Swales Esq. M Inst C E General Manager & Engineer
Sheffield Corporation Waterworks Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

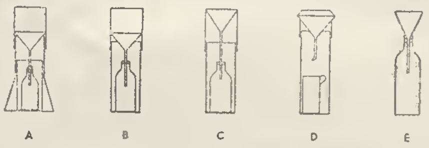
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLER FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3138

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Ewden, Middle Moss

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1600 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·29				
FEB.	3·83				
MAR.	3·97				
APRIL	3·15				
MAY	2·39				
JUNE	3·69				
JULY	7·93				
AUG.	3·56				
SEPT.	2·96				
OCT.	5·27				
NOV.	9·14				
DEC.	3·96				
TOTAL	54·14				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

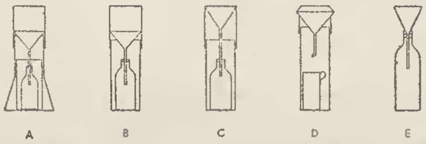
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3138

FORM 1090.

B Monthly Summary.

● **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1940

At Ewden, Middle Moss

In the County of W. R. Yorks

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1600 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(5·09)				
FEB.	(3·56)				
MAR.	4·84				
APRIL	3·98				
MAY	1·12				
JUNE	·89				
JULY	3·79				
AUG.	1·26				
SEPT.	(5·25)				
OCT.	(6·11)				
NOV.	(11·25)				
DEC.	(4·87)				
TOTAL	(52·01)				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M. Inst. C.E., General Manager & Engineer
Sheffield Corpn. Waterworks, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

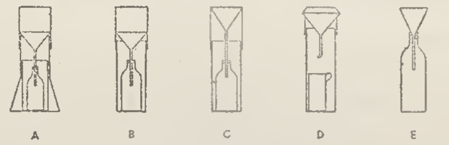
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3138/4

BROOMHEAD MOOR
1931 — 40

780507

3138/4
WR7

FORM 1090. **B** Mo Su

*** The following register of month
&c., is NOT required if daily
values are given on the other s

and also the space for

gister should be sent:—

RAINFALL IN 1931

EWDEN)
At (Broomhead Moo

In the County of Yor

Rain Gauge
Diameter of Funnel
Height of Top above Ground 1 *ft.*
Height of Ground above Sea Level

...in Summer

Direction from gauge

Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.		N D ·01 or	
	Inches.	Inches.	Date.		
JAN.	6.21				
FEB.	6.52				
MAR.	·82				
APRIL	5.46				
MAY	3.21				
JUNE	5.80				
JULY	4.85				
AUG.	8.62				
SEPT.	5.89				
OCT.	1.72				
NOV.	7.02				
DEC.	2.04				
Total	58.16	entd			

Directions from gauge ..

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Turf wall added.

Signature Sheffield Corporation W.W.

119% of av. OK print

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090. **B** M
Su

1930 up

3138/4
wR7

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931

At EWDEN) (Broomhead Moor) No 44
In the County of York.
Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1370 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6.21				
FEB.	6.52				
MAR.	·82				
APRIL	5.46				
MAY	3.21				
JUNE	5.80				
JULY	4.85				
AUG.	8.62				
SEPT.	5.89				
OCT.	1.72				
NOV.	7.02				
DEC.	2.04				
Total	58.16				

entd

Signature Sheffield Corporation W.W.

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station................. Distance................. Direction from gauge.................

Nearest Parish Church at................. Distance................. Direction from gauge.................

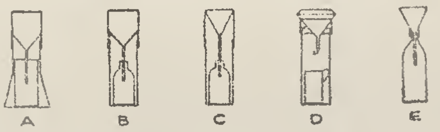
Nature of objects nearest to gauge	53° 27' 22"			
Heights of objects	1° 39' 40"			
Distances				
Directions from gauge				

If gauge has been moved during the year state—

Date of move................. Distance................. Direction.................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Turf wall added.

119% of av. OK print

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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Ewden 3138/4

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932

At Broomhead Moor

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft.* .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	5·32				
FEB.	·68				
MAR.	3·74				
APRIL	5·26				
MAY	6·81				
JUNE	·86				
JULY	5·44				
AUG.	2·91				
SEPT.	4·05				
OCT.	7·15				
NOV.	4·71				
DEC.	2·35				
Total	49·25 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J K Swales Esq M.Inst CE - Engineer + Manager
Water Dept - Town Hall - Sheffield

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

RM 1090.

B Monthly Summary.

C Particulars of Station.

Ewden.
3138/4

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Broomhead Moor

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·26				
FEB.	8·61				
MAR.	3·68				
APRIL	1·65				
MAY	2·85				
JUNE	2·56				
JULY	2·83				
AUG.	·68				
SEPT.	2·68				
OCT.	6·03				
NOV.	2·84				
DEC.	·61				
Total	39·28				

Signature John N Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales. M. Inst C.E. Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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D

Ewden

FORM 1090. **B** **Monthly Summary.**

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Broomhead Moor

In the County of Yorkshire

Rain Gauge

Diameter of Funnel .... in.

Height of Top above Ground .... *in.*

Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·44				
FEB.	·40				
MAR.	4·80				
APRIL	3·40				
MAY	2·54				
JUNE	1·61				
JULY	2·46				
AUG.	2·51				
SEPT.	3·53				
OCT.	4·61				
NOV.	3·43				
DEC.	6·78				
Total	40·51 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C **Particulars of Station.** No 7

3138/4

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J K Swales M Inst CE – Engineer & Manager
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 a.m

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

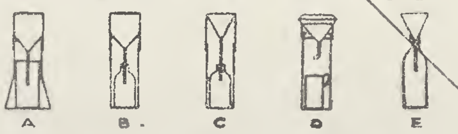
Nature of objects nearest to gauge	As Before			
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers,", to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Ewden

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Broomhead Moor

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel As Before in.
- *Height of Top above Ground* in.
- *Height of Ground above Sea Level* ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
	Inches	Inches	Date	·01 in. or more *	·04 in. or more *
JAN.	3.32				
FEB.	8.13				
MAR.	2.35				
APRIL	3.80				
MAY	.33				
JUNE	4.41				
JULY	1.70				
AUG.	2.45				
SEPT.	6.52				
OCT.	10.64				
NOV.	8.82				
DEC.	4.93				
TOTAL	57.40				

Signature John K Swales

*See Instruction 2 *(f)* below.

C Particulars of Station, ~~No~~ 7. 3138/4

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
J.K. Swales Esq. M.Inst.C.E., Manager & Engineer,
Water Dept., Town Hall: Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

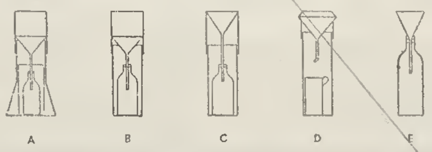
Nature of objects nearest to gauge	As Before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

- (a) It is known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

EWDEN VALLEY.

3138/4

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936

At Broomhead Moor.

In the County of Yorkshire.

Rain Gauge
Diameter of Funnel..........in.
Height of Top above Ground As before. ....*ft*........*in.*
Height of Ground above Sea Level..........*ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5.42				
FEB.	5.18				
MAR.	4.31				
APRIL	2.61				
MAY	2.04				
JUNE	5.31				
JULY	4.60				
AUG.	1.84				
SEPT.	6.10				
OCT.	5.36				
NOV.	6.14				
DEC.	5.65				
TOTAL	54.56				

Signature John K. Swales

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

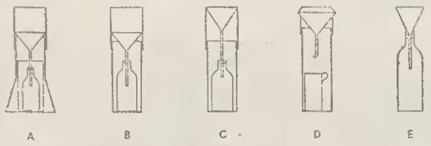
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state –

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

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(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3138/4

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Ewden (Broomhead Moor)

In the County of Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1370 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·41				
FEB.	7·84				
MAR.	5·04				
APRIL	3·03				
MAY	3·70				
JUNE	1·40				
JULY	3·51				
AUG.	1·21				
SEPT.	1·99				
OCT.	4·12				
NOV.	2·91				
DEC.	4·87				
TOTAL	47·03				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C.E.
General Manager and Engineer
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.................... Distance.............. Direction from gauge..........

Nearest Parish Church at.................... Distance.............. Direction from gauge..........

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

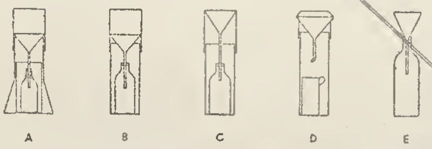
As before

If gauge has been moved during the year state—

Date of move.................... Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3138/4

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Emden, Broomhead Moor No 44

In the County of W. R. Yorks

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1370 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·80				
FEB.	2·85				
MAR.	1·18				
APRIL	·37				
MAY	3·60				
JUNE	3·53				
JULY	5·53				
AUG.	3·71				
SEPT.	3·72				
OCT.	9·44				
NOV.	6·29				
DEC.	5·43				
TOTAL	52·45				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

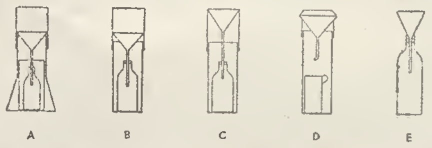
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3138/4

FORM 1090.

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Ewden, Broomhead Moor No 44

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1370 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·86				
FEB.	3·84 ✓				
MAR.	3·75 ✓				
APRIL	2·79 ✓				
MAY	2·44 ✓				
JUNE	3·27 ✓				
JULY	7·16 ✓				
AUG.	3·90 ✓				
SEPT.	2·69				
OCT.	5·00 ✓				
NOV.	8·64 ✓				
DEC.	4·34 ✓				
TOTAL	54·71				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

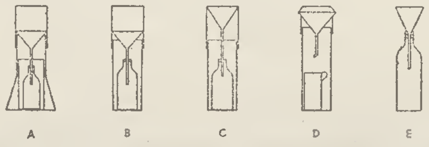
As before

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

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(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3138/4 ✓

FORM 1090. **B** Monthly Summary. **C** Particulars of Station.

The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940

No 44.

At Ewden, Broomhead Moor

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1370 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(4·82)				
FEB.	(3·46)				
MAR.	4·02 ✓				
APRIL	3·85 ✓				
MAY	·98 ✓				
JUNE	·93 ✓				
JULY	3·23 ✓				
AUG.	1·11 ✓				
SEPT.	3·41 ✓				
OCT.	5·83 ✓				
NOV.	10·35				
DEC.	4·52				
TOTAL	46·81 ✓				

Signature John K Swales

* See Instruction 3 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K Swales Esq M Inst CE, General Manager & Engineer
Sheffield Corpn Waterworks Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

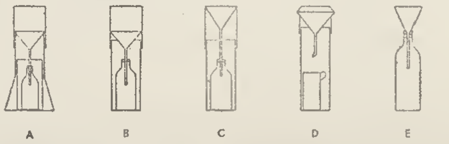
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

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VALUES FORWARDED MONTHLY

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(h) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** Mo Su

3138 5

3138

EWDEN CANYARD BROOK

1931 — 40

7P0507

*** The following register of month &c., is NOT required if daily o values are given on the other si … nd also the space for … ster should be sent:—

RAINFALL IN 1931

At Ewden Canyard Brook

In the County of York

Rain Gauge

Diameter of Funnel 5

Height of Top above Ground 1 *ft.*

Height of Ground above Sea Level 5

in Summer

Direction from gauge

Direction from gauge

Directions from gauge ..

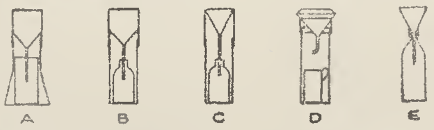
Month.	Total Depth.	Greatest Fall in 24 hours.		Nu Da ·01 i or mo	
	Inches.	Inches.	Date.	*	
JAN.	5.77				
FEB.	5.14				
MAR.	·25				
APRIL	5.15				
MAY	3.45				
JUNE	5.82				
JULY	3.94				
AUG.	7.10				
SEPT.	5.76				
OCT.	1.43				
NOV.	5.15				
DEC.	1.99				
Total	50.95				

If gauge has been moved during the year state—

Date of move.................... Distance.................... Direction....................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

NEW 5" gauge

Signature Sheffield Corporation W.W.

O.S. Map Ref. No. 37. 10F.

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | 18 | }·14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Printed under the authority of His Majesty's Stationery Office by JOHN CORAH & SON, LTD., Loughborough and London.

(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090. **B** Mo
Su

3138|5
WR 7.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Ewden (Canyard Brook) No 53.
In the County of York
Rain Gauge { Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 585 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	5.77				
FEB.	5.14				
MAR.	·25				
APRIL	5.15				
MAY	3.45				
JUNE	5.82				
JULY	3.94				
AUG.	7.10				
SEPT.	5.76				
OCT.	1.43				
NOV.	5.15				
DEC.	1.99				
Total	50.95				

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter ...... in Summer ......

Nearest Railway Station ...... Distance ...... Direction from gauge ......

Nearest Parish Church at ...... Distance ...... Direction from gauge ......

Nature of objects nearest to gauge	53° 27' 26"			
Heights of objects	1° 36' 18"			
Distances ..	—			
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move ...... Distance ...... Direction ......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

NEW 5" gauge

Signature Sheffield Corporation W.W.

O.S. Map Ref. No 37. 10F.

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Printed under the authority of His Majesty's Stationery Office by JOHN CORAH & SON, LTD., Loughborough and London.

(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

COPY FOR OFFICIAL USE. Ewden.

Station No. 3138/5

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Canyard Brook

in the County of Yorkshire

Diameter of Funnel of Gauge As Before in.

Height of top of Gauge above Ground in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·43	·03	–	·37	·56	·01	·07	·08	·48	·25	·05	·03	1
2	·42	–	–	–	·48	–	–	·01	·54	·13	·15	·40	2
3	·12	–	–	·28	·01	–	·32	–	·03	–	–	·53	3
4	·09	·01	–	·10	–	–	–	–	–	–	·14	–	4
5	·68	·01	·27	·15	·01	–	–	–	·05	–	–	–	5
6	1·30	–	·30	1·20	·02	–	·02	–	·03	–	–	–	6
7	·04	–	1·02	·46	–	–	–	–	·36	·15	·04	–	7
8	–	–	–	·15	–	–	–	–	·09	·36	·02	·01	8
9	·31	·16	–	·36	–	–	–	–	·01	–	–	·01	9
10	·34	·03	·01	·14	–	–	–	–	·34	·21	–	·15	10
11	·11	·06	·01	·06	·26	·12	1·28	–	·02	·04	·03	–	11
12	·28	·01	–	–	·13	–	·31	–	–	·32	·06	–	12
13	·05	·11	–	·14	·06	–	·95	·01	·07	·93	·04	·06	13
14	·11	·02	–	·20	–	–	·25	·01	–	·05	·17	·01	14
15	–	–	–	·03	·20	–	–	–	–	·04	·02	·14	15
16	·52	–	·01	·30	·02	–	·12	–	–	·06	·01	·01	16
17	–	–	–	–	·04	–	·07	–	–	·48	·01	–	17
18	–	–	–	–	·01	–	–	–	–	–	·01	–	18
19	–	·01	·01	·15	·01	–	–	·01	–	·24	–	–	19
20	–	–	–	·13	·64	–	·06	·84	–	·22	–	–	20
21	–	–	·13	·04	2·10	–	–	·83	–	·58	·03	·07	21
22	–	–	·22	·12	·40	–	·06	–	·22	·14	1·01	·07	22
23	–	·02	–	·19	·08	–	·04	–	–	·16	·25	·06	23
24	·03	–	–	·04	·01	–	·11	–	·10	–	·24	–	24
25	–	·03	–	·01	·04	–	·01	·01	·02	·34	·07	–	25
26	–	·03	–	·19	·40	–	·04	–	·03	·44	·80	·01	26
27	–	–	·37	·11	·50	·01	·26	–	–	·01	·16	–	27
28	–	·01	·12	·16	·18	–	·14	·05	–	–	·01	·01	28
29	–	–	·38	·15	·45	·02	·12	·14	·19	·84	·21	·14	29
30	–	X	·21	·02	·14	·54	·03	·06	·09	·06	·40	·15	30
31	–	X	·12	X	·03	X	·21	·01	X	–	X	·09	31
TOTAL	4·83 ✓	·54 ✓	3·18 ✓	5·25 ✓	6·77 ✓	·70 ✓	4·47 ✓	2·06 ✓	2·67 ✓	6·05 ✓	3·93 ✓	1·95 ✓	YEAR'S TOTAL 42·40
*Days with ·01 in. or more.	15 ✓	14 ✓	14 ✓	26 ✓	25 ✓	5 ✓	20 ✓	12 ✓	17 ✓	22 ✓	23 ✓	18 ✓	211
*Days with ·04 in. or more.	14 ✓	3 ✓	10 ✓	23 ✓	17 ✓	2 ✓	17 ✓	6 ✓	11 ✓	21 ✓	15 ✓	11 ✓	150 ✓

40-9999

*See Instruction 2 (*f*) on other side,

(Signed)

P.T.O.

Ewden.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3138/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Canyard Brook
in the County of Yorkshire
Diameter of Funnel of Gauge as before in.
Height of top of Gauge above Ground in.
,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·24	·53	·08	–	–	–	–	–	–	·03	·10	–		1
2	·38	–	·46	–	–	–	–	–	–	·01	·12	–		2
3	·05	·23	·07	–	·26	–	–	–	–	–	·09	–		3
4	·20	·11	·11	–	·08	–	–	–	–	–	–	–		4
5	·38	·17	·20	–	·25	–	–	–	–	–	–	–		5
6	·01	·11	·03	–	·57	–	–	–	–	–	–	·08		6
7	·07	·10	·02	–	·14	–	·15	–	–	1·25	–	·03		7
8	·16	·02	·04	·01	·02	–	·60	–	–	–	–	·04		8
9	–	·41	–	·01	·01	–	·40	–	–	·57	·04	·01		9
10	·02	·14	–	–	–	·04	·02	–	–	1·18	·08	–		10
11	–	–	–	–	·01	–	·14	–	–	·50	–	–		11
12	–	–	–	–	–	·13	·07	–	–	·02	–	·09		12
13	–	–	–	–	·50	·04	·24	–	·10	·06	·04	–		13
14	·17	–	–	–	·06	–	·02	·02	–	·01	·44	–		14
15	·74	–	·01	–	·01	–	·31	·14	–	·62	1·04	·10		15
16	·47	–	·34	·04	·05	·15	·12	·01	–	·30	·02	·01		16
17	·08	–	·81	–	·01	·33	–	·02	·06	–	·17	–		17
18	·03	·06	·29	–	–	·44	·05	–	–	–	·08	–		18
19	–	·05	·74	–	–	·11	–	–	·12	–	·02	·01		19
20	–	·01	–	–	·01	–	–	·07	–	–	·03	–		20
21	–	·01	–	–	·09	·10	–	·19	·11	·04	·03	–		21
22	–	–	–	–	–	·38	–	·18	–	·46	–	–		22
23	–	·05	–	·24	–	–	–	·02	·31	·03	–	–		23
24	–	1·21	–	·21	·05	·49	–	–	1·08	·03	·01	·01		24
25	–	1·72	–	·12	·01	–	–	–	·72	–	·02	·04		25
26	–	1·97	–	·31	–	–	–	–	·02	·20	·03	·01		26
27	–	·03	–	–	·26	–	–	–	·07	·20	–	–		27
28	–	–	–	·09	·02	–	·10	–	·03	·15	–	·01		28
29	–		–	·17	–	–	·01	–	·01	·06	–	·02		29
30	·04	×	·08	·01	–		·11	–	–	·10	–	·14		30
31	·33	×	·02	×	–	×	·23	–	×	·16	×	–		31
TOTAL	3·37	6·93	3·30	1·21	2·41	2·21	2·57	·65	2·63	5·98	2·36	·60	Year's Total 34·22	
*Days with ·01 in. or more.	16	18	15	10	19	10	15	8	11	21	17	14	174	
*Days with ·04 in. or more.	13	14	11	7	11	10	12	4	8	15	10	6	121	

† Spare column, no entries required.

(Signed)

P.T.O.

40-9999

*See Instruction 2 (*f*) on other side.

D

Ewden

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. 7.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934. 3138/5

Kept at Canyard Brook

in the County of Yorkshire

Diameter of Funnel of Gauge As Before in.

Height of top of Gauge above Ground .... ft. .... in.

,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.06	-	-	.02	-	-	-	.19	.02	.03	-	.20		1
2	-	.01	.13	-	-	-	-	.23	.63	-	.12	.18		2
3	.02	.04	-	-	-	-	-	-	.08	.17	.03	.02		3
4	.09	.01	.26	.26	.02	-	-	-	.15	.90	-	.88		4
5	-	-	.38	.03	.12	-	-	.43	-	.23	.17	.06		5
6	-	-	.20	-	.53	.01	-	.15	.01	.18	-	.60		6
7	.15	.07	.14	-	.02	.02	-	.01	-	.13	.04	.29		7
8	-	-	-	-	.10	.31	-	.05	.01	.07	.47	.06		8
9	-	-	.34	.11	-	-	-	.04	.01	-	.88	.20		9
10	-	-	.48	.34	-	-	-	.22	-	.06	.22	-		10
11	.50	-	.20	.60	-	-	-	.12	-	-	.02	.35		11
12	-	.01	.21	.06	-	-	.05	.02	-	-	-	.10		12
13	.58	-	.07	.05	.05	-	.40	.06	-	.09	-	.01		13
14	.23	-	.47	-	.08	.06	-	-	-	.26	.26	.34		14
15	.87	-	.38	-	.64	-	-	-	.11	.05	.13	.07		15
16	.47	-	.18	-	30	-	-	-	-	-	.11	.10		16
17	.44	-	.28	-	.24	-	.29	-	.35	.04	.01	.18		17
18	.16	-	.60	.10	07	.03	-	-	-	-	-	.10		18
19	.01	-	.28	.03	.05	.18	-	-	.04	.02	-	.02		19
20	-	-	.03	.05	.07	.03	-	.02	.02	-	-	-		20
21	.03	-		-	.04	.50	-	.02	.05	.09	-	-		21
22	-	-		-	-		-	.05	.70	.13	-	.03		22
23	-	-	.09	.30	.02	.01	.42	-	-	.08	.01	.12		23
24	-	.02	.03	.10	-	.10	-	-	.14	.10	-	.06		24
25	.10	-	-	.08	.04	.01	.16	-	.15	.24	-	.65		25
26	32	-	.01	.09	-	.02	.11	-	.18	.01	.04	.05		26
27	-	.24	-	.67	-	.04	.23	-	.04	.60	.01	.28		27
28	-		-	.21	-	.18	.10	.08	-	.22	-	.43		28
29	-		.04	.02	-	-	-	.04	.50	.02	-	.20		29
30	.10	X	-	-	-	-	.09	-	-	.27		.10		30
31	.02	X	-	X	-	X	.03	.01	X	.09	X	.05		31
TOTAL	4.15	.40	4.80	3.12	2.39	1.50	1.88	1.74	3.19	4.08	2.52	5.73	Year's Total. 35.50	
* Days with .01 in. or more.	17	7	21	18	16	14	10	17	18	24	15	28	205	
* Days with .04 in. or more.	13	3	18	14	13	7	9	12	13	20	10	24	156	

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) .... P.T.O.

COPY FOR OFFICIAL USE.

Ewden 3138/5

Station No. 7

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Canyard Brook

in the County of Yorkshire

Diameter of Funnel of Gauge.............in.

Height of top of Gauge above Ground.......ft.........in.

,, Ground ,, Sea Level ....ft.

as Before

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·30	·16	·21	·03	–	·02	·02	–	·16	·27	·12	·68		1
2	·01	·08	·05	·02	–	·10	–	·05	–	·37	·11	·24		2
3	·01	·44	·04	·06	–	·07	·09	–	·01	·05	·19	·04		3
4	–	–	·06	·02	–	·11	·11	–	·10	·94	–	·01		4
5	·01	·23	·11	·20	–	1·33	·04	–	·05	·07	·05	·03		5
6	·04	–	·01	·06	–	·27	–	–	–	–	–	·03		6
7	·04	–	–	·04	–	·22	–	–	–	·32	·43	·25		7
8	–	–	·02	·15	·01	·33	–	·42	–	·04	·07	·34		8
9	–	–	·03	·40	·01	·13	–	–	–	1·30	·21	·02		9
10	–	–	·03	·30	–	·10	–	–	–	·34	·18	–		10
11	·95	·06	–	–	–	·07	–	·02	–	·08	·19	·09		11
12	–	·16	–	–	–	·25	–	–	·05	–	–	–		12
13	·04	·11	–	·09	·27	·06	–	–	·29	·04	·02	·02		13
14	–	·02	–	·02	·10	·03	–	–	·09	–	·66	·16		14
15	–	1·40	–	·50	·11	·95	·09	–	·24	–	·16	·33		15
16	–	1·26	·17	·15	–	·05	·08	–	·86	·01	·63	–		16
17	–	·08	–	·26	·04	·42	·44	–	·37	·02	·89	–		17
18	·05	·01	–	·20	·04	·16	·26	·15	·48	·45	·09	–		18
19	·01	·09	–	·30	–	·15	·20	–	–	·33	·21	–		19
20	·01	·42	–	·43	–	·10	·01	–	–	–	·95	–		20
21	–	·76	–	·04	–	·01	–	–	·62	·06	·14	·06		21
22	–	·05	·14	–	–	–	–	–	·01	–	·12	–		22
23	–	–	·80	·02	–	–	–	·80	·08	·34	–	–		23
24	·68	·86	·02	–	–	–	–	–	·96	·01	–	·34		24
25	·25	·18	·01	–	–	·15	–	–	–	–	·05	·12		25
26	·03	·04	–	–	–	–	·03	·85	·23	·31	·20	·30		26
27	·03	·18	–	–	·03	–	·18	–	·39	·60	·25	·41		27
28	·04	·02	–	–	–	–	–	·01	·06	·12	·06	·19		28
29	·01		·10	–	–	–	–	–	·17	·36	·13	·18		29
30	·05	✕	–	·01	–	·01	–	·15	·13	·65	·75	·09		30
31	·05	✕	–	✕	–	✕	–	–	✕	·51	✕	·26		31
TOTAL	2·61	6·61	1·80	3·30	·61	5·09	1·55	2·45	5·35	7·59	6·86	4·19	Year's Total 48.01	
* Days with .01 in. or more.	19	21	15	21	8	23	12	8	20	24	25	22	218	
* Days with .04 in. or more.	11	18	9	15	5	19	9	6	18	21	24	17	172	

40-9999.

† Spare column, no entries required.

(*Signed*) John N. Swales [P.T.O.

* See Instruction 2 (f) on other side.

EWDEN VALLEY

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations. Station No. 3138/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Canyard Brook,

in the County of Yorkshire.

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

,, Ground ,, Sea Level .... ft.

As before.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	.01	.13	.45	-	-	.01	.25	.02	-	.06	.33		1
2	-	.04	.08	.07	-	.63	.03	.12	-	-	.01	.16		2
3	.06	.01	.10	-	-	.15	-	.06	.44	-	-	.10		3
4	.08	.11	.07	.01	-	.15	.01	.05	.08	.01	.30	.61		4
5	.15	.01	.38	-	.01	-	-	.19	.13	.01	-	.48		5
6	.03	-	-	-	.02	.02	.12	.15	.50	-	.26	-		6
7	.18	-	.04	-	-	-	.20	-	.65	.04	.12	-		7
8	.19	-	.07	-	-	-	-	-	-	-	.34	.04		8
9	.39	.01	.13	-	.03	-	.14	-	-	.04	.60	-		9
10	.22	-	-	.01	-	-	.46	.02	.02	-	.48	-		10
11	-	-	-	.03	-	.02	.04	.04	.15	-	.68	-		11
12	-	-	-	.22	.15	.69	.42	-	.41	-	.36	.07		12
13	-	-	-	.06	-	.16	.14	-	-	.05	.01	.88		13
14	-	-	-	.12	-	.24	.03	.01	.23	.02	.16	.68		14
15	.28	.04	.01	.08	.04	.06	.02	.01	.30	-	.52	.14		15
16	.12	.11	-	.07	-	-	.03	-	-	.04	.45	.02		16
17	.04	.70	-	-	.07	-	.17	-	-	.16	.08	.33		17
18	-	.13	-	.01	-	.07	.10	.01	-	.44	-	.04		18
19	.89	.24	.02	.05	-	.21	.02	.36	-	.16	-	-		19
20	.34	.21	.02	-	-	-	-	.01	.02	.03	-	.01		20
21	.11	-	.04	.17	-	.03	-	-	-	-	-	-		21
22	.04	.66	.13	-	.06	1.10	.21	-	-	-	-	-		22
23	-	-	.14	.11	.24	-	.36	-	-	.04	-	-		23
24	.27	.10	-	.06	.23	-	-	-	.23	.54	-	-		24
25	.12	.01	.05	.04	-	-	.02	-	.36	.42	-	-		25
26	.02	.25	.63	-	-	-	-	-	.02	.73	-	-		26
27	.27	-	.05	-	-	-	-	-	.10	.57	-	-		27
28	.42	1.01	.08	-	-	-	.25	-	-	-	.01	.12		28
29	.23	.65	.70	-	-	.49	-	-	-	.07	.04	.12		29
30	.10	X	-	-	.64	-	.06	.01	-	.68	.15	.05		30
31	-	X	.09	X	-	X	.01	-	X	-	X	.39		31
													Year's Total	
TOTAL	4.55 ✓	4.30 ✓	2.96 ✓	1.56 ✓	1.49 ✓	4.02 ✓	2.85 ✓	1.29 ✓	3.66 ✓	4.05 ✓	4.63 ✓	4.57 ✓	39.93	✓
* Days with .01 in. or more.	22	18	20 ✓	16 ✓	10 ✓	14 ✓	22 ✓	14	16 ✓	18 ✓	18	18	206	✓
* Days with .04 in. or more.	20	13 ✓	17 ✓	12 ✓	7 ✓	11 ✓	13	8	12 ✓	14 ✓	15	16	158	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) John N. Swales [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3138/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Ewden (Canyard Brook)

in the County of Yorks.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 585 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	.20	.15	.02	–	–	–	.04	–	.19	–	.05	.43		1
2	.32	.31	.03	.23	–	–	–	–	–	–	–	1.44		2
3	–	.13	.05	.14	.05	.04	–	–	.01	–	–	.06		3
4	.47	–	.09	.09	.04	–	–	–	–	–	–	.39		4
5	.98	–	.09	–	.01	–	–	–	–	–	–	.02		5
6	.19	–	.07	.05	.08	–	.95	.19	–	–	.09	.20		6
7	.09	.64	–	.44	.06	.11	–	–	.05	–	.08	.01		7
8	–	.47	.01	.08	–	–	.04	–	–	–	.15	.16		8
9	–	.54	–	.05	.37	–	.56	.04	–	–	–	.01		9
10	.02	.27	.06	–	.01	.06	–	–	–	–	.02	.45		10
11	–	–	1.70	–	.81	–	–	–	–	–	–	.03		11
12	.19	.31	.19	–	.44	.11	–	.03	.22	–	–	.19		12
13	–	.02	–	–	.04	.22	–	.07	.04	–	–	.17		13
14	–	.01	.26	.02	–	–	–	.17	.12	–	–	.22		14
15	.33	.45	–	.22	–	–	1.14	–	.12	–	–	.04		15
16	.03	.60	.48	.56	.01	.05	–	.15	.26	–	–	.01		16
17	.28	.02	.30	.32	–	.03	–	–	.79	–	–	–		17
18	1.24	.17	.23	–	–	–	.03	.05	–	–	.60	–		18
19	.01	.19	–	.06	–	.10	.15	–	–	–	.52	–		19
20	.23	.29	.09	.24	.69	.02	–	–	.01	–	–	.01		20
21	.10	.05	.02	–	–	–	.24	–	–	.01	–	.01		21
22	.03	–	.01	–	.08	–	.07	–	–	.27	.37	.03		22
23	.38	–	–	–	.06	–	.15	–	–	1.33	.53	–		23
24	.43	.52	.11	–	.10	–	.05	–	–	.66	–	.01		24
25	.13	.64	.10	–	–	–	–	–	.01	.45	–	.01		25
26	–	.33	.06	–	.38	–	–	.04	.01	–	–	.02		26
27	–	.31	.04	.22	–	–	–	–	–	.76	.01	.03		27
28	–	.73	.01	–	–	.05	–	–	–	.03	–	–		28
29	.04		–	–	–	–	–	–	–	.07	.02	.03		29
30	.43	✕	–	–	–	.05	–	.13	–	.03	.12	.06		30
31	.44	✕	–	✕	.	✕	–	–	✕	.22	✕	.01		31
TOTAL	6.56	7.15	4.02	2.72	3.23	.84	3.42	.87	1.83	3.83	2.56	4.05	Year's Total 41.08	
* Days with .01 in. or more.	22.	22.	22	14.	16.	11.	11.	9	12	10.	12.	26.	187	
* Days with .04 in. or more.	18.	19	16.	13.	13.	9.	10.	8.	8.	7.	9.	12.	142	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3138/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Ewden, Canyard Brook No 53

in the County of W. R. Yorks

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 585 ft.

TRAVELLING FORM.
VALU [illegible] LY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	·10	-	-	·07	·93	·57	-	-	·03	·26	·34		1
2	·04	·08	-	·26	·03	·25	-	-	-	·53	·10	·06		2
3	·04	-	-	-	-	·01	·06	-	·06	2·33	·16	·02		3
4	·05	-	-	-	-	·04	·12	-	-	·43	·16	·43		4
5	-	-	-	-	-	-	·04	·16	·06	·76	·01	·09		5
6	·23	·04	-	-	-	·02	·41	·18	·03	·22	-	·03		6
7	·32	-	-	-	-	-	·26	·04	·60	·13	-	·05		7
8	·56	-	-	-	-	-	·43	-	-	·79	-	·10		8
9	·07	·46	·01	-	-	·19	·04	·15	-	·06	-	·37		9
10	·01	·06	-	-	-	·07	·38	-	-	·10	·01	·10		10
11	·32	·01	-	-	-	-	·04	·01	-	·08	·06	·09		11
12	·17	-	-	-	·10	-	-	·22	-	1·02	·14	-		12
13	·07	·03	-	-	-	-	-	·06	·06	·36	·22	·30		13
14	·42	-	-	-	·01	-	·25	-	·23	-	-	·01		14
15	1·09	-	-	-	-	-	·34	·03	-	·04	-	·44		15
16	·40	-	·04	-	·04	-	·36	·13	-	·04	·20	·27		16
17	-	·02	-	-	·20	-	·10	·05	·07	·12	-	·05		17
18	·15	-	-	-	·14	-	-	·20	·10	·29	·38	-		18
19	-	·01	-	-	·01	-	-	·23	-	-	-	·11		19
20	·05	-	-	-	-	-	-	-	·03	-	·45	·08		20
21	·01	-	-	-	-	-	-	·01	·03	-	-	·14		21
22	·01	-	-	·01	-	·19	-	-	-	-	·41	·16		22
23	-	-	-	-	·11	·05	-	-	·28	-	1·05	·01		23
24	·05	·01	·21	-	·01	·02	-	·27	·10	-	·29	·02		24
25	·35	·26	·06	-	-	-	-	·03	-	·32	·81	·02		25
26	·10	·90	·03	-	-	·02	-	-	·20	·22	·05	-		26
27	·20	·25	-	-	·19	·50	·21	·64	·06	-	·54	-		27
28	·62	·12	·01	-	·64	·52	·10	·57	·20	·01	-	·06		28
29	·11		·19	-	·99	·04	·09	-	·01	·04	·12	·09		29
30	·20	×	-	-	·11	·04	-	-	·60	-	·19	·03		30
31	·39	×	-	×	·37	×	-	-	×	·53	×	·86		31
TOTAL	6·03	2·35	·55	·27	3·02	2·89	3·80	2·98	2·72	8·45	5·61	4·33	Year's Total 43·00	
* Days with .01 in. or more.	26	14	7	2	15	15	17	17	17	22	20	27	199	
* Days with .04 in. or more.	23	9	4	1	11	11	17	13	13	20	18	20	160	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) John K Swales

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3138/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

Kept at Ewden, Canyard Brook No. 53

in the County of W. R. Yorks.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 525 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·05	-	·16	·08	.	-	·14	·13	·01	·13	-	·24		1
2	·09	-	-	·18	-	-	·13	·11	·89	·07	·11	·11		2
3	·19	-	-	·26	-	-	-	·35	-	-	·26	·79		3
4	·20	-	·21	·49	-	-	·12	·20	-	·15	·10	1·42		4
5	-	-	-	-	·18	-	·13	·22	-	·48	·35	·17		5
6	·51	-	·05	-	-	-	·71	-	-	·06	·28	.		6
7	·11	·22	·32	-	-	-	·05	-	-	·02	·43	·16		7
8	·24	·17	·40	-	-	-	·22	·02	-	·05	·51	·38		8
9	·10	·36	-	-	-	-	·04	·28	-	·80	·05	·39		9
10	·52	-	·01	-	-	·01	-	·15	·14	·06	-	.		10
11	·06	·05	·15	-	·03	·32	-	·02	·01	·03	.	·02		11
12	·25	·38	-	-	·02	·08	-	-	-	-	-	·01		12
13	-	-	-	·07	·04	·13	·01	-	-	·09	·05	.		13
14	·75	-	·03	·10	·45	·15	·83	-	-	·36	·15	.		14
15	·20	·01	·02	·15	·26	·41	·10	-	-	·01	·06	.		15
16	·03	·00	·20	-	1·16	·01	·26	-	·01	-	·10	.		16
17	1·03	·15	·02	·33	·14	-	·04	-	-	1·16	·02	.		17
18	·37	·09	·01	-	.	·31	·13	-	·05	·01	1·09	.		18
19	·25	-	-	-	.	·41	·57	·01	·18	-	-	·02		19
20	·01	-	-	-	.	·23	·29	·41	·33	-	.	.		20
21	·10	·15	·37	·11	.	·10	·24	·01	·34	-	-	.		21
22	·24	·56	·23	-	-	-	·05	-	·04	·03	·41	.		22
23	·07	·23	·01	·15	.	·07	·06	-	-	·25	·28	.		23
24	·02	·03	·03	·05	.	·02	·30	·01	-	-	-	.		24
25	·48	·16	·01	·02	·01	·01	.	·31	-	-	1·44	·01		25
26	·06	·13	-	·05	-	-	-	·01	-	·07	·53	·10		26
27	·05	·16	·67	·01	-	·15	·03	-	-	·26	·48	.		27
28	·06	·10	·48	·12	-	·15	·25	·02	-	[illegible]	·39	.		28
29	-	×	·02	·06	-	-	1·72	-	-	·28	·35	.		29
30	-	×	-	-	-	·08	·04	-	-	[illegible]	·24	.		30
31	-	×	-	×	-	×	·26	·03	×	·12	×	.		31
TOTAL	6·04	2·95	3·40	2·23	2·29	2·64	6·72	2·29	2·00	4·49	7·98	3·82	Year's Total 46·85	
* Days with .01 in. or more.	26	17	20	16	9	17	25	17	10	21	22	13	213	
* Days with .04 in. or more.	23	14	11	14	6	13	23	9	7	10	21	9	166	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) John H. Dewales

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3138/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940.

Kept at Ewden, Canyard Brook No 53

in the County of W. R. Yorks

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 585 ft.

TRAVELLING FORM
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·	·12	·	·11	·	·	·	·	·	·	·48	·04		1
2	·	·02	·	·30	·	·	·02	·	·	·	·80	·06		2
3	·06	·34	·	·05	·	·	·01	·	·	·19	·04	·01		3
4	·	·05	·	·12	·	·	·	·	·	·31	·33	·10		4
5	·	·	·	·	·09	·	·	·	·	·42	·24	·96		5
6	·04	·20	·	·	·	·	·	·	·	1·10	·08	·12		6
7	·02	·18	·	·27	·28		·	·03	·12	·02	·	·01		7
8	·01	·01	·	·04	·	·	·	·	·03	·28	·	·13		8
9	·	·	·16	·	·	·	·06	·12	·04	·33	·94	·19		9
10	·	·	·	·	·	·	·61	·11	·03	·	·75	·95		10
11		·08	·06	·	·	·	·15	·	·	·	1·61	·02		11
12	·	·05	·42	·	·	·	·04	·	·19	·	·88	-		12
13	·	·02	·44	·		·	·	·01	·51	·	·05	·01		13
14	·	·	·02	·46	·16	·	·23	·	·04	·04	·02	·45		14
15	·	·	·15	·04	·01	·	·	·	·	·02	·23	·05		15
16	·09	(·21)	·10	·01	·		·41	·	·72	·75	·59	·06		16
17	·	·	·47	·	·	·	·45	·	·30	·02	·41	-		17
18	·09	·22	·12	1·22	·	·	·06	·01	·20	·04	·07	·14		18
19	·	·18	·33	·20	·	·01	·39	·	·59	·09	·33	·02		19
20	·	·01	·07	·41	·	·01	·10	·20	·01	·06	·15	-		20
21	·07	·	·12	·	·	·29	·06	·02	·	·05	1·28	·		21
22	·01	·01	·02	·	·21	·12	·	·	·19	·02	·	·06		22
23	·	·15	·11	·04	·08	·12	·	·	·02	·11	·15	·05		23
24	·48		·	·03	·	·	·04	·	·01	·06	·	·06		24
25	·12	·	·	·	·	·06	·	·	·	·04	·	-		25
26	·68	·05	·	·01	·03	·03	·28	·02	·	·09	·04	-		26
27	1·06	·16	·	·	·	·	·03	·05	·04	·	·05	-		27
28	1·08	(·74)	·	·02	·25	·	·	·	·	·	·	-		28
29	·	·	·19	·09	·05	·03	·	·	·01	·02	·	·05		29
30	·16	✕	·	·57	·	·	·	·	·	·33	·	·30		30
31	·19	✕	·28	✕	·	✕	·	·	✕	·94	✕	·39		31
TOTAL	(4·16)	(2·80)	3·06	3·99	1·16	·67	2·94	·57	3·05	5·33	9·52	4·23	Year's Total 41·48	
* Days with .01 in. or more.	15	19	16	18	9	8	16	9	17	23	22	23	195	
* Days with .04 in. or more.	12	14	14	14	7	4	13	4	11	18	21	18	150	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) John K Swaley [P.T.O.

—

3138/6

EWDEN CANDLE RUSH

1931—40

7(0507)

FORM 1090. **B** M
Su

3138/6

WR 7.

*** **The following register of mont**
&c., is NOT required if daily
values are given on the other s

and also the space for

gister should be sent:—

RAINFALL IN 193

At (Ewden Candle Rush)

In the County of Yor

...in Summer

Direction from gauge

Direction from gauge

Rain Gauge
Diameter of Funnel
Height of Top above Ground 1 *ft*
Height of Ground above Sea Level 1

Month.	Total Depth.	Greatest Fall in 24 hours.		N D ·01 or	
	Inches.	Inches.	Date.		
JAN.	6.71				
FEB.	6.81				
MAR.	·32				
APRIL	5.18				
MAY	3.16				
JUNE	5.87				
JULY	5.53				
AUG.	8.78				
SEPT.	6.19				
OCT.	2.21				
NOV.	7.49				
DEC.	2.56				
Total	60.81	printd			

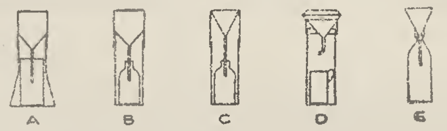
Directions from gauge ..

If gauge has been moved during the year state—

Date of move .... Distance 330 yds Direction S

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Gauge moved 330 yds S.

Signature Sheffield Corporation W.W.

O.S. map Ref. No37 F.8.

119% of av. OK. print

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}{\cdot}14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** M
Su

3138/6

WR 7.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.*

RAINFALL IN 1931

At (Ewden) Candle Rush No 48

In the County of York

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1400 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6.71				
FEB.	6.81				
MAR.	·32				
APRIL	5.18				
MAY	3.16				
JUNE	5.87				
JULY	5.53				
AUG.	8.78				
SEPT.	6.19				
OCT.	2.21				
NOV.	7.49				
DEC.	2.56				
Total	60.81 printed				

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

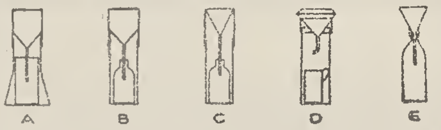
Nature of objects nearest to gauge	53°27'55"			
Heights of objects	1° 41' 35"			
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance 330 yds Direction S

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Gauge moved 330 yds S.

Signature Sheffield Corporation W.W.

O.S. map Ref. No37 F.8.

119% of av OK. print

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Ewden 3138/6

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932

At Candle Rush

In the County of Yorkshire

Rain Gauge
Diameter of Funnel.................in.
Height of Top above Ground.........*ft*.........*in*.
Height of Ground above Sea Level.........*ft*.

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	6·81				
FEB.	·70				
MAR.	3·81				
APRIL	5·87				
MAY	6·08				
JUNE	·86				
JULY	5·57				
AUG.	2·58				
SEPT.	4·75				
OCT.	7·58				
NOV.	4·90				
DEC.	2·32				
Total	52·43	✓			

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales Esq. M. Inst C.E. - Water Dept - Town Hall
Sheffield.

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station................. Distance................. Direction from gauge.................

Nearest Parish Church at................. Distance................. Direction from gauge.................

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move................. Distance................. Direction.................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Ewden.
3138/6

RM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Candle Rush

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... ft. .... in.
Height of Ground above Sea Level .... ft.

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·13				
FEB.	8·35				
MAR.	3·43				
APRIL	1·91				
MAY	2·75				
JUNE	2·68				
JULY	3·63				
AUG.	·65				
SEPT.	2·65				
OCT.	6·13				
NOV.	2·81				
DEC.	·63				
Total	39·75				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales. M. Inst C.E. Engineer & Manager
Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

Ewden.

FORM 1090. **B** Monthly Summary.

**** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1934

At Candle Rush

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *in.*
- *Height of Ground above Sea Level* .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·61				
FEB.	·31				
MAR.	4·73				
APRIL	3·31				
MAY	2·75				
JUNE	1·69				
JULY	2·73				
AUG.	2·46				
SEPT.	4·02				
OCT.	5·01				
NOV.	3·40				
DEC.	7·32				
Total	42·34				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station. No 7.

3138/6

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J K Swales M. Inst C E Engineer & Manager
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

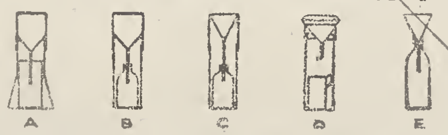
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

Ewden

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Candle Rush

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3.23				
FEB.	8.40				
MAR.	2.70				
APRIL	3.86				
MAY	·38				
JUNE	3.84				
JULY	1.92				
AUG.	2.14				
SEPT.	6.50				
OCT.	10.86				
NOV.	8.92				
DEC.	5.30				
TOTAL	58·05				

Signature John N Swales

*See Instruction 2 *(f)* below.

C Particulars of Station, No 7

3138/6

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
J. K. Swales Esq. M. Inst. C.E. Manager & Engineer
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

As Before

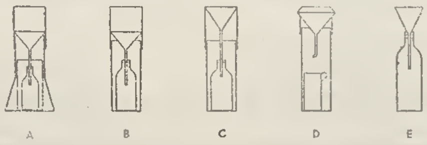
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

EWDEN VALLEY.

3138/6

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Candle Rush,

In the County of Yorkshire.

Rain Gauge
Diameter of Funnel.................in.
Height of Top above Ground.........*ft*.........*in*. As before.
Height of Ground above Sea Level.................*ft*.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5.42				
FEB.	5.31				
MAR.	4.46				
APRIL	2.14				
MAY	1.74				
JUNE	4.87				
JULY	5.09				
AUG.	2.05				
SEPT.	6.81				
OCT.	5.68				
NOV.	6.60				
DEC.	5.47				
TOTAL	55.64				

Signature John K Swales

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.............................. Distance.................. Direction from gauge............

Nearest Parish Church at.............................. Distance.................. Direction from gauge............

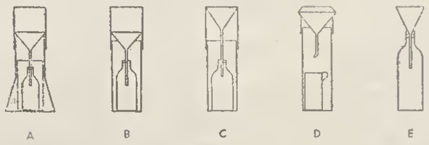
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state –

Date of move.. Distance.............. Direction...........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{array}{c|c|}17 & \multirow{2}{*}{\big\}\cdot 14} \\ 18 & \end{array}$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3138/6

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Euden (Candle Rush)

In the County of Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1400 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·57				
FEB.	8·26				
MAR.	5·18				
APRIL	3·42				
MAY	3·63				
JUNE	1·72				
JULY	3·55				
AUG.	1·31				
SEPT.	2·03				
OCT.	4·19				
NOV.	2·75				
DEC.	4·96				
TOTAL	48·57				

Signature John N Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C.E.
General Manager and Engineer,
Water Dept. Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

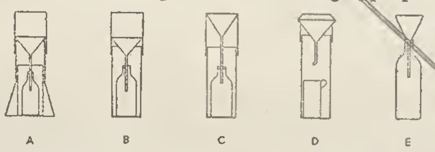
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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Wt.1046/3030. 26,000. 4/36. W. H. & S. 668/91. S.O. Code No. 40-9999

3138/6

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Ewden, Candle Rush N° 48.

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1400 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·31				
FEB.	2·93				
MAR.	1·63				
APRIL	·42				
MAY	3·89				
JUNE	3·94				
JULY	7·19				
AUG.	3·70				
SEPT.	3·69				
OCT.	10·82				
NOV.	7·12				
DEC.	5·26				
TOTAL	57·90				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

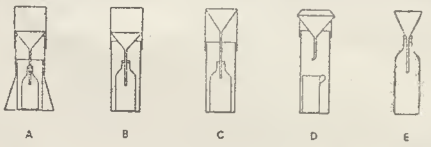
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

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(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3138/6

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Ewden, Candle Rush No 48

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1400 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·09				
FEB.	4·95 ✓				
MAR.	3·52 ✓				
APRIL	2·95 ✓				
MAY	2·31 ✓				
JUNE	3·43 ✓				
JULY	8·13 ✓				
AUG.	3·12 ✓				
SEPT.	2·71 ✓				
OCT.	5·09 ✓				
NOV.	9·54 ✓				
DEC.	4·15 ✓				
TOTAL	56·99				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq. M. Inst. C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

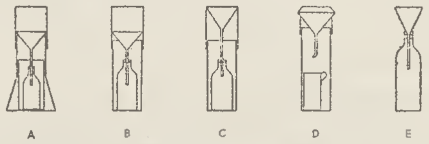
Nature of objects nearest to gauge	As before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\ \cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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FORM 1090.

3138/6

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The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At Ewden, Candle Rush No. 48.

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1400 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(4·96)				
FEB.	(3·51)				
MAR.	4·28	✓			
APRIL	3·54	✓			
MAY	1·03	✓			
JUNE	·82	✓			
JULY	3·82	✓			
AUG.	1·37	✓			
SEPT.	5·02	✓			
OCT.	6·17	✓			
NOV.	10·92				
DEC.	4·76				
TOTAL	50·20	✓			

Signature John K. Swales

* See Instruction 3 (*f*) below.

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Sheffield Corp. Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

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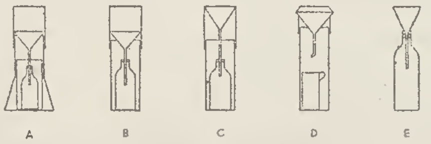

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